

10/531,324

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NEWS 1 Web Page for STN Seminar Schedule - N. America  
NEWS 2 DEC 01 ChemPort single article sales feature unavailable  
NEWS 3 FEB 02 Simultaneous left and right truncation (SLART) added for CERAB, COMPUAB, ELCOM, and SOLIDSTATE  
NEWS 4 FEB 02 GENBANK enhanced with SET PLURALS and SET SPELLING  
NEWS 5 FEB 06 Patent sequence location (PSL) data added to USGENE  
NEWS 6 FEB 10 COMPENDEX reloaded and enhanced  
NEWS 7 FEB 11 WTEXTILES reloaded and enhanced  
NEWS 8 FEB 19 New patent-examiner citations in 300,000 CA/CAplus patent records provide insights into related prior art  
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NEWS 10 FEB 23 Several formats for image display and print options discontinued in USPATFULL and USPAT2  
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NEWS 12 FEB 23 TOXCENTER updates mirror those of MEDLINE - more precise author group fields and 2009 MeSH terms  
NEWS 13 FEB 23 Three million new patent records blast AEROSPACE into STN patent clusters  
NEWS 14 FEB 25 USGENE enhanced with patent family and legal status display data from INPADOCDB  
NEWS 15 MAR 06 INPADOCDB and INPAFAMDB enhanced with new display formats  
NEWS 16 MAR 11 EPFULL backfile enhanced with additional full-text applications and grants  
NEWS 17 MAR 11 ESBIOBASE reloaded and enhanced  
NEWS 18 MAR 20 CAS databases on STN enhanced with new super role for nanomaterial substances  
NEWS 19 MAR 23 CA/CAplus enhanced with more than 250,000 patent equivalents from China  
NEWS 20 MAR 30 IMSPATENTS reloaded and enhanced  
NEWS 21 APR 03 CAS coverage of exemplified prophetic substances enhanced  
NEWS 22 APR 07 STN is raising the limits on saved answers  
NEWS 23 APR 24 CA/CAplus now has more comprehensive patent assignee information  
NEWS 24 APR 26 USPATFULL and USPAT2 enhanced with patent assignment/reassignment information  
NEWS 25 APR 28 CAS patent authority coverage expanded  
NEWS 26 APR 28 ENCOMPLIT/ENCOMPLIT2 search fields enhanced  
NEWS 27 APR 28 Limits doubled for structure searching in CAS REGISTRY

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NEWS 28 MAY 08 STN Express, Version 8.4, now available

NEWS EXPRESS MAY 08 09 CURRENT WINDOWS VERSION IS V8.4,  
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\* \*

FILE 'HOME' ENTERED AT 09:32:36 ON 10 MAY 2009

=> file reg	COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST		0.22	0.22

FILE 'REGISTRY' ENTERED AT 09:32:54 ON 10 MAY 2009  
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STRUCTURE FILE UPDATES: 8 MAY 2009 HIGHEST RN 1144618-76-7  
DICTIONARY FILE UPDATES: 8 MAY 2009 HIGHEST RN 1144618-76-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

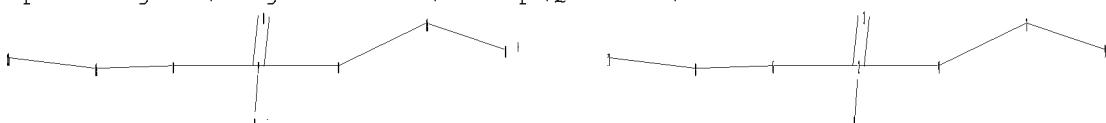
TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

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REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

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Uploading C:\Program Files\Stnexp\Queries\10531324.str



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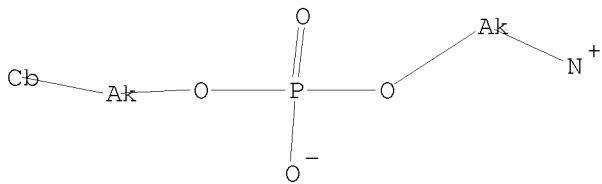
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chain bonds :  
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exact/norm bonds :  
2-4 2-6 4-7 6-8 7-9 8-11  
normalized bonds :  
2-3 2-5

G1:C,O,S,N

Match level :  
2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS 11:Atom

L1 STRUCTURE UPLOADED

=> d 11  
L1 HAS NO ANSWERS  
L1 STR



G1 C,O,S,N

Structure attributes must be viewed using STN Express query preparation.

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SAMPLE SEARCH INITIATED 09:33:17 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 9612 TO ITERATE

20.8% PROCESSED 2000 ITERATIONS 0 ANSWERS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 186363 TO 198117  
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> file caplus  
COST IN U.S. DOLLARS SINCE FILE TOTAL  
FULL ESTIMATED COST ENTRY SESSION  
0.48 0.70

FILE 'CAPLUS' ENTERED AT 09:33:27 ON 10 MAY 2009  
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FILE COVERS 1907 - 9 May 2009 VOL 150 ISS 20  
FILE LAST UPDATED: 8 May 2009 (20090508/ED)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Feb 2009  
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Feb 2009

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This file contains CAS Registry Numbers for easy and accurate

=> file reg		SINCE FILE	TOTAL
COST IN U.S. DOLLARS		ENTRY	SESSION
FULL ESTIMATED COST		0.50	1.20

FILE 'REGISTRY' ENTERED AT 09:33:36 ON 10 MAY 2009  
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STRUCTURE FILE UPDATES: 8 MAY 2009 HIGHEST RN 1144618-76-7  
DICTIONARY FILE UPDATES: 8 MAY 2009 HIGHEST RN 1144618-76-7

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TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

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FULL SEARCH INITIATED 09:33:46 FILE 'REGISTRY'

10/531,324

FULL SCREEN SEARCH COMPLETED - 194549 TO ITERATE

100.0% PROCESSED 194549 ITERATIONS 121 ANSWERS  
SEARCH TIME: 00.00.05

L3 121 SEA SSS FUL L1

=> file caplus  
COST IN U.S. DOLLARS SINCE FILE TOTAL  
FULL ESTIMATED COST ENTRY SESSION  
185.88 187.08

FILE 'CAPLUS' ENTERED AT 09:33:57 ON 10 MAY 2009  
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FILE COVERS 1907 - 9 May 2009 VOL 150 ISS 20  
FILE LAST UPDATED: 8 May 2009 (20090508/ED)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Feb 2009  
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Feb 2009

CAplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

CAS Information Use Policies apply and are available at:

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=> s 13  
L4 63 L3

=> d 14 1-63 bib hitstr

L4 ANSWER 1 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
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 DN 150:406578  
 TI Cationic lipid nanoparticle based compositions and methods for the delivery or transfection of biologically active molecules  
 IN Chen, Tongqian; Vargeese, Chandra; Vagle, Kurt; Wang, Weimin; Zhang, Ye  
 PA Sirna Therapeutics, Inc., USA  
 SO U.S., 139pp.  
 CODEN: USXXAM

DT Patent

LA English

FAN.CNT 259

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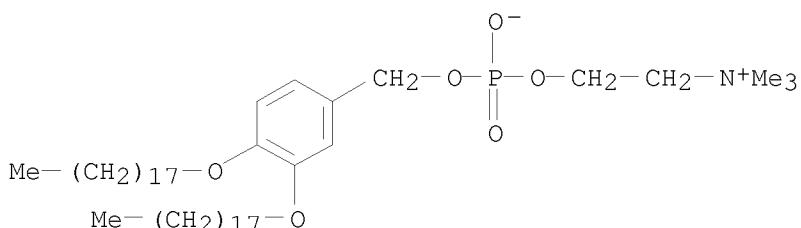
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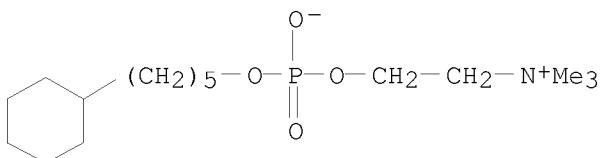
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RN	1138781-72-2 CAPLUS		
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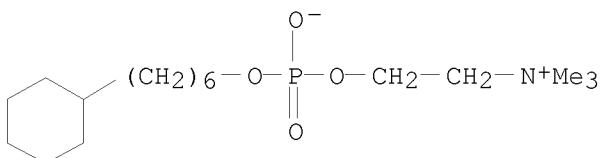


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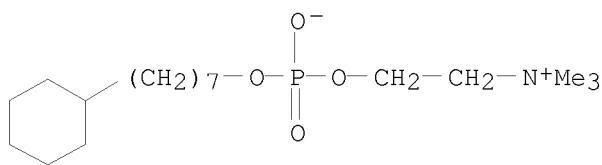
L4 ANSWER 2 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 2009:248518 CAPLUS  
 TI High-level production, solubilization and purification of synthetic human  
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 AU Ren, Hui; Yu, Daoyong; Ge, Baosheng; Cook, Brian; Xu, Zhinan; Zhang,  
 Shuguang  
 CS Center for Biomedical Engineering, Massachusetts Institute of Technology,  
 Cambridge, MA, USA  
 SO PLoS One (2009), 4(2), No pp. given  
 CODEN: POLNCL; ISSN: 1932-6203  
 URL: <http://www.plosone.org/article/fetchObjectAttachment.action?uri=info%3Adoi%2F10.1371%2Fjournal.pone.0004509&representation=PDF>  
 PB Public Library of Science  
 DT Journal; (online computer file)  
 LA English  
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 675126-15-5 869660-84-4  
 RL: BSU (Biological study, unclassified); MSC (Miscellaneous); BIOL  
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 (high-level production, solubilization and purification of synthetic human  
 GPCR  
 chemokine receptors CCR5, CCR3, CXCR4 and CX3CR1)  
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 trimethyl-, inner salt (CA INDEX NAME)



RN 657393-65-2 CAPLUS  
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 trimethyl-, inner salt (CA INDEX NAME)

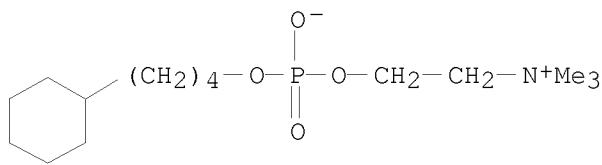


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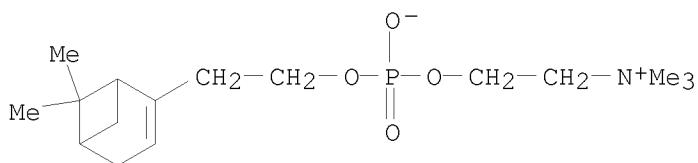
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RN 869660-84-4 CAPLUS

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RE.CNT 78 THERE ARE 78 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

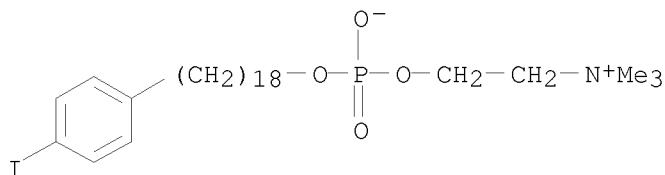
10/531,324

L4 ANSWER 3 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
AN 2008:1510399 CAPLUS  
DN 150:35535  
TI Method for the synthesis of phospholipid ethers  
IN Pinchuk, Anatoly; Weichert, Jamey P.; Longino, Marc  
PA USA  
SO U.S. Pat. Appl. Publ., 16pp.  
CODEN: USXXCO  
DT Patent  
LA English  
FAN.CNT 1

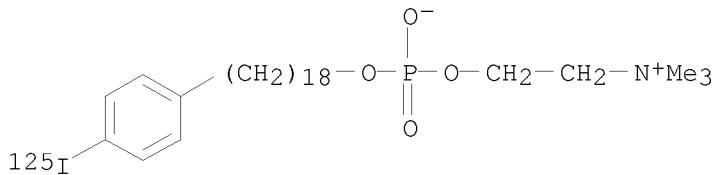
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PI	US 20080312459	A1	20081218	US 2008-156287	20080530
PRAI	US 2007-932748P	P	20070601		
OS	CASREACT 150:35535; MARPAT 150:35535				
IT	208986-26-9P 208986-35-0P 1092072-73-5P 1092072-74-6P				

RL: BSU (Biological study, unclassified); PAC (Pharmacological activity);  
RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP  
(Preparation); RACT (Reactant or reagent)  
(preparation of phospholipid ethers and their use in treatment and diagnosis  
of cancer)

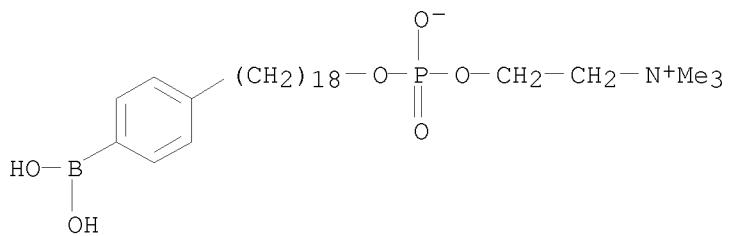
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CN Ethanaminium, 2-[hydroxy[[18-(4-iodophenyl)octadecyl]oxy]phosphinyl]oxy]-  
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RN 208986-35-0 CAPLUS  
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(CA INDEX NAME)

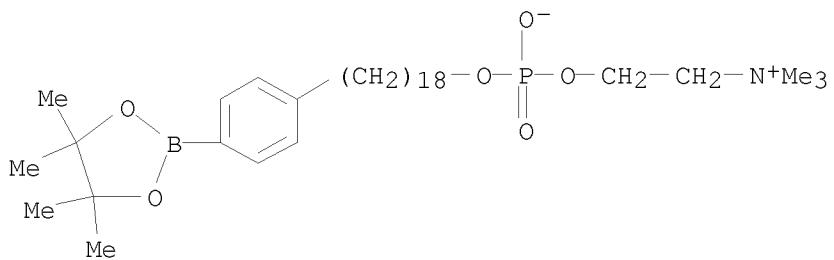


RN 1092072-73-5 CAPLUS  
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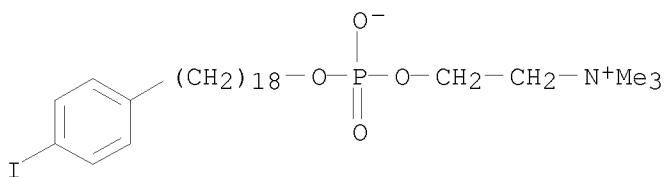
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CN Ethanaminium, 2-[hydroxy[18-[4-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)phenyl]octadecyl]oxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)

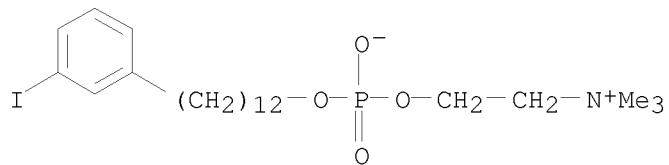


L4 ANSWER 4 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
AN 2008:1480919 CAPLUS  
DN 150:35640  
TI Methods for the synthesis and use of phospholipid ether boronic acids and esters  
IN Pinchuk, Anatoly; Weichert, Jamey P.; Longino, Marc  
PA Collectar, Inc., USA  
SO PCT Int. Appl., 67pp.  
CODEN: PIXXD2  
DT Patent  
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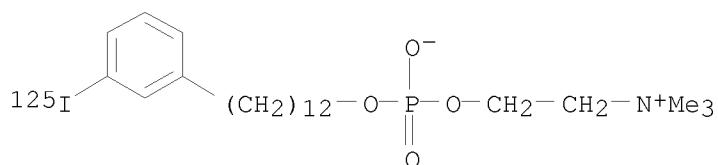
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PRAI	US 20090018357	A1	20090115	US 2008-156258	20080530
OS	US 2007-932749P	P	20070601		
IT	MARPAT 150:35640				
	208986-26-9P				
	RL: PAC (Pharmacological activity); PKT (Pharmacokinetics); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)				
	(methods for the synthesis and use of phospholipid ether boronic acids and esters)				
RN	208986-26-9 CAPLUS				
CN	Ethanaminium, 2-[hydroxy[[18-(4-iodophenyl)octadecyl]oxy]phosphinyl]oxy], N,N,N-trimethyl-, inner salt (CA INDEX NAME)				



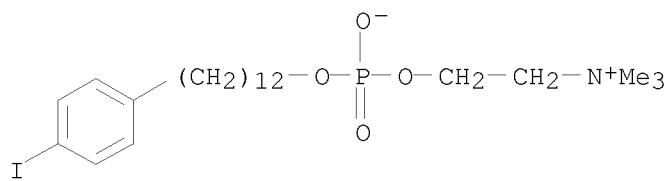
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885601-12-7 885601-13-8  
RL: PAC (Pharmacological activity); PKT (Pharmacokinetics); THU  
(Therapeutic use); BIOL (Biological study); USES (Uses)  
(methods for the synthesis and use of phospholipid ether boronic acids  
and esters)  
RN 141189-56-2 CAPLUS  
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N,N,N-trimethyl-, inner salt. (CA INDEX NAME)



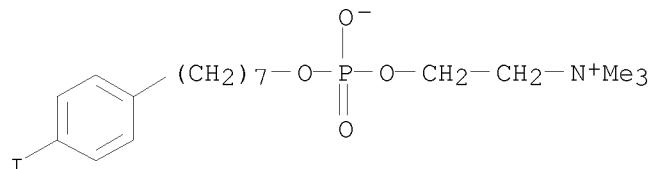
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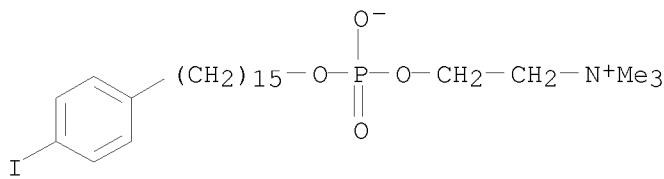
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RN 885601-12-7 CAPLUS  
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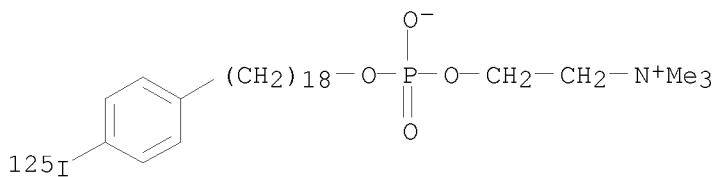


IT 208986-35-0P, 125I-NM404

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(methods for the synthesis and use of phospholipid ether boronic acids and esters)

RN 208986-35-0 CAPLUS

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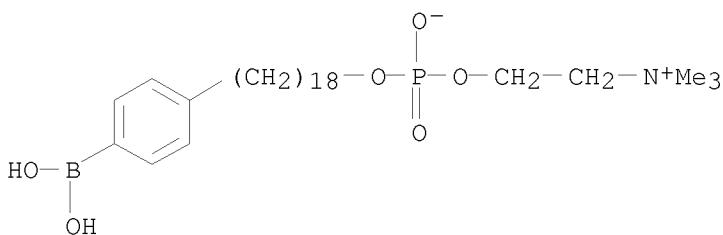


IT 1092072-73-5P 1092072-74-6P

RL: RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
(methods for the synthesis and use of phospholipid ether boronic acids and esters)

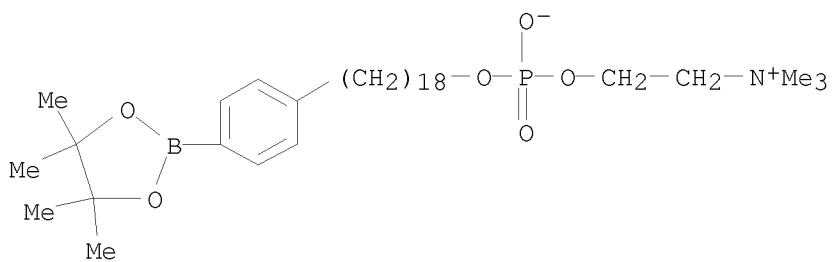
RN 1092072-73-5 CAPLUS

CN Ethanaminium, 2-[[[[18-(4-boronophenyl)octadecyl]oxy]hydroxyphosphoryl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)



RN 1092072-74-6 CAPLUS

CN Ethanaminium, 2-[hydroxy[18-[4-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)phenyl]octadecyl]oxy]phosphoryl-N,N,N-trimethyl-, inner salt (CA INDEX NAME)



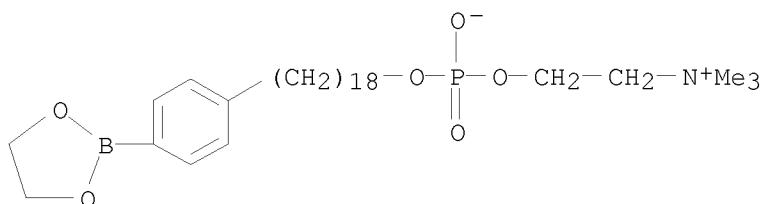
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 1092072-98-4P 1092072-99-5P 1092073-00-1P  
 1092073-01-2P 1092073-02-3P 1092073-03-4P  
 1092073-04-5P 1092073-05-6P

RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(methods for the synthesis and use of phospholipid ether boronic acids and esters)

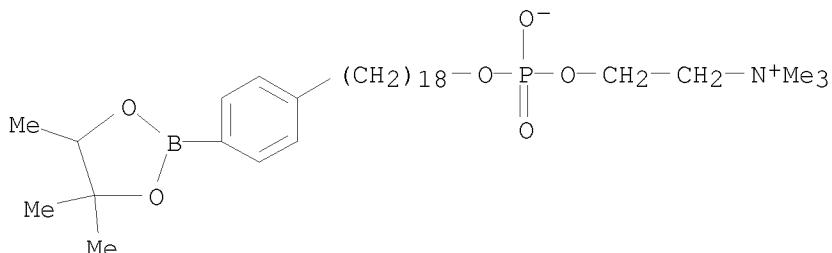
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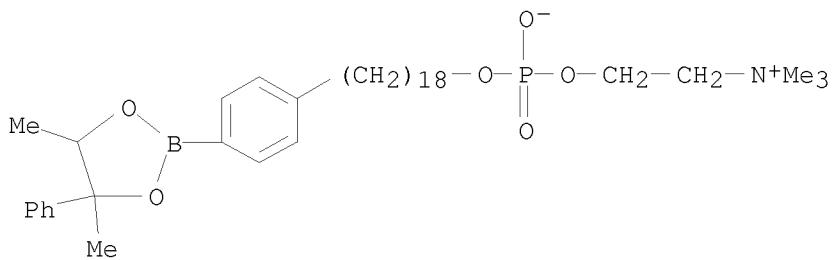
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CN Ethanaminium, 2-[[[hydroxy[18-[4-(4,4,5-trimethyl-1,3,2-dioxaborolan-2-yl)phenyl]octadecyl]oxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)



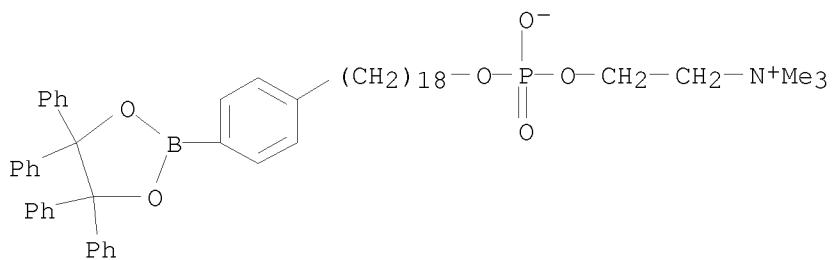
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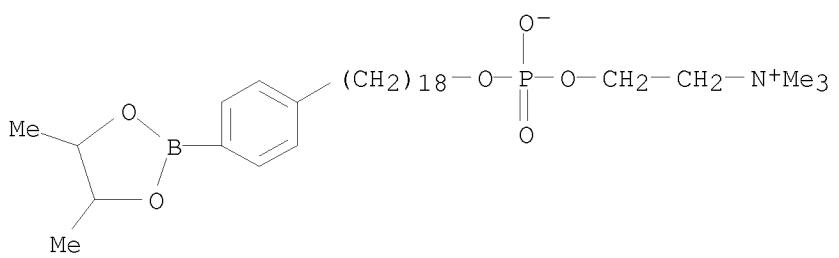
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CN Ethanaminium, 2-[hydroxy[ [18-[4-(4,4,5,5-tetraphenyl-1,3,2-dioxaborolan-2-yl)phenyl]octadecyl]oxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)



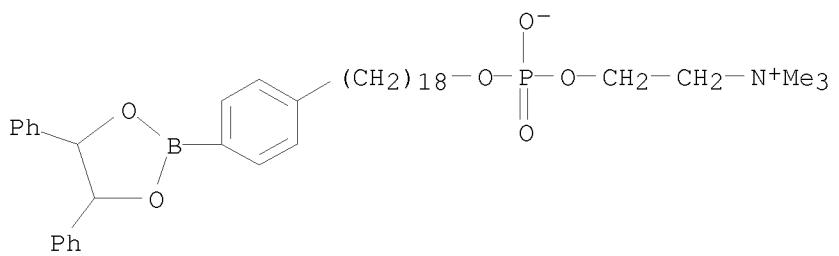
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CN Ethanaminium, 2-[[[18-[4-(4,5-dimethyl-1,3,2-dioxaborolan-2-yl)phenyl]octadecyl]oxy]hydroxyphosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)



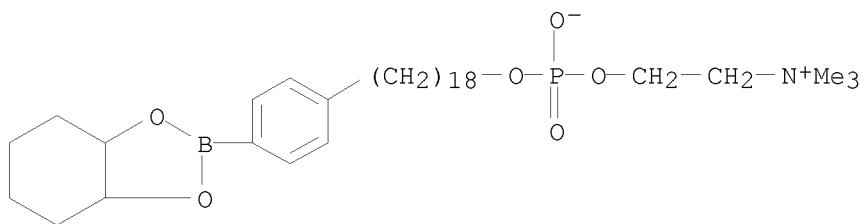
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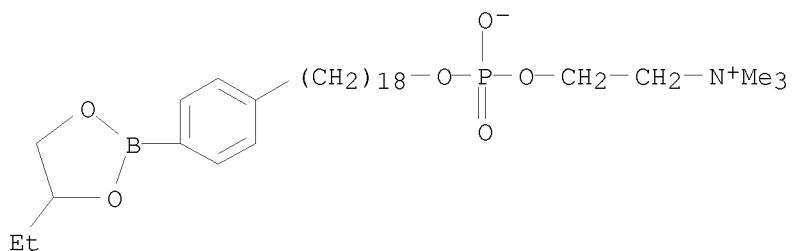
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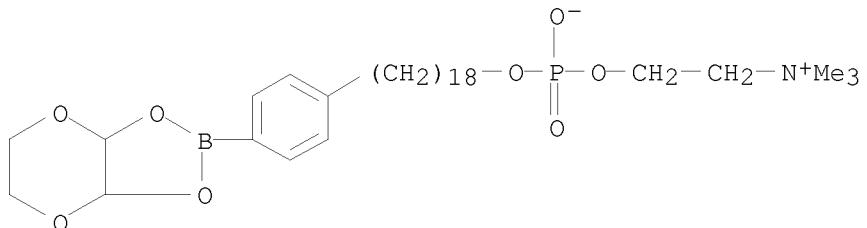
RN 1092072-90-6 CAPLUS

CN Ethanaminium, 2-[[[18-[4-(4-ethyl-1,3,2-dioxaborolan-2-yl)phenyl]octadecyl]oxy]hydroxyphosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)



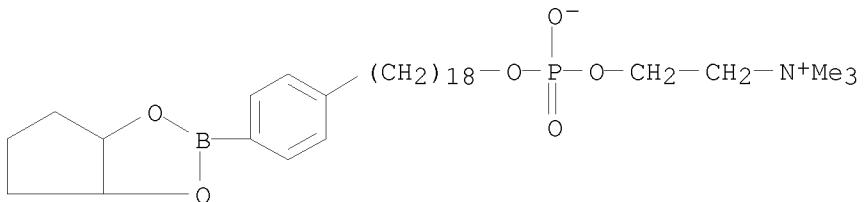
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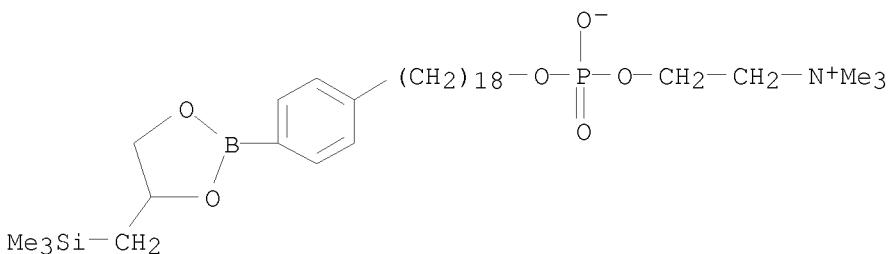
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CN Ethanaminium, 2-[hydroxy[[18-[4-(tetrahydro-4H-cyclopenta-1,3,2-dioxaborol-2-yl)phenyl]octadecyl]oxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)



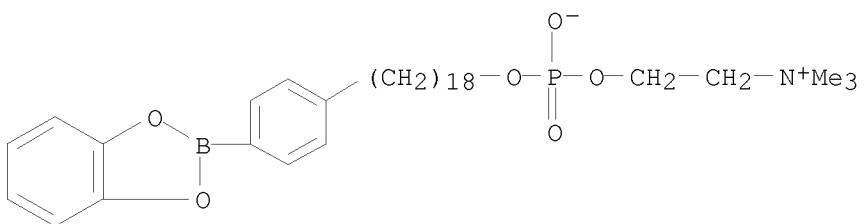
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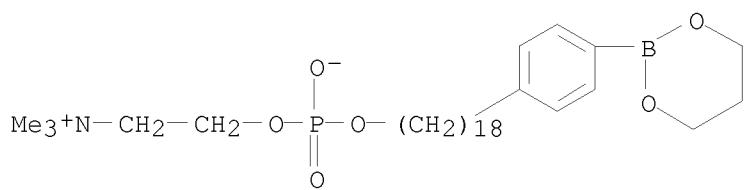
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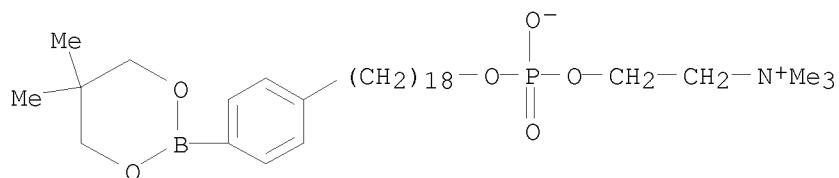


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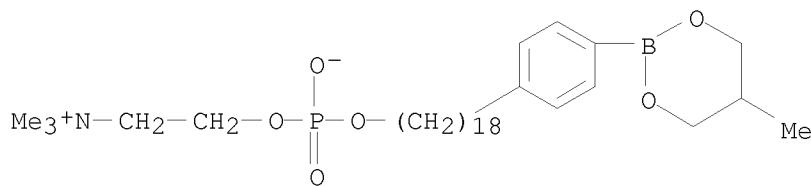
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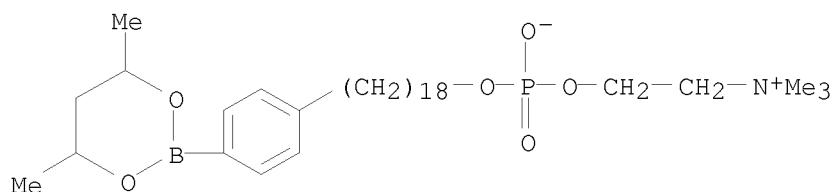
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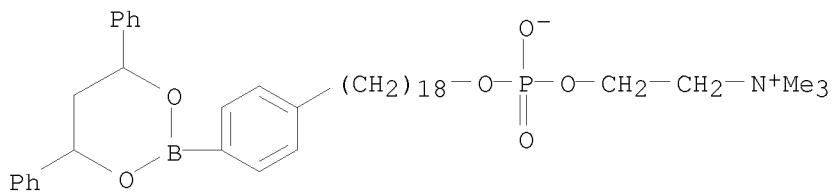
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RN 1092072-98-4 CAPLUS  
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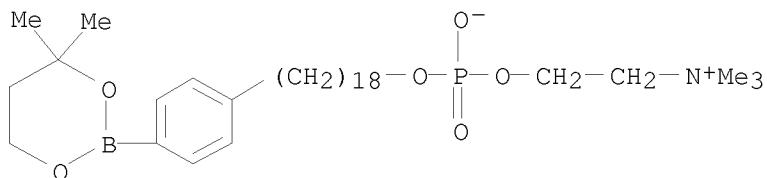


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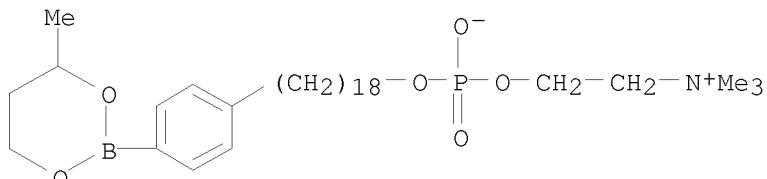
RN 1092073-00-1 CAPLUS

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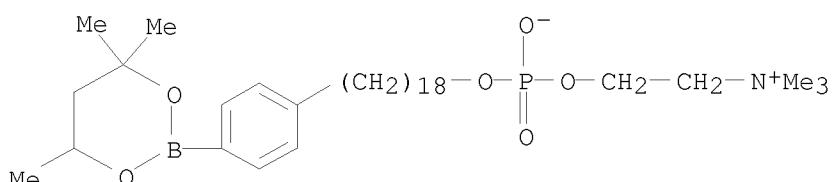
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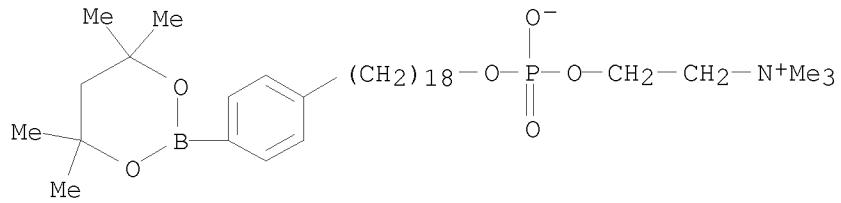
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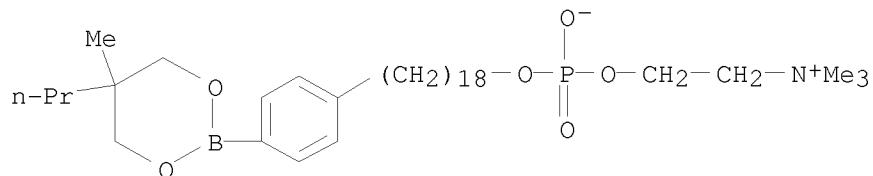
RN 1092073-03-4 CAPLUS

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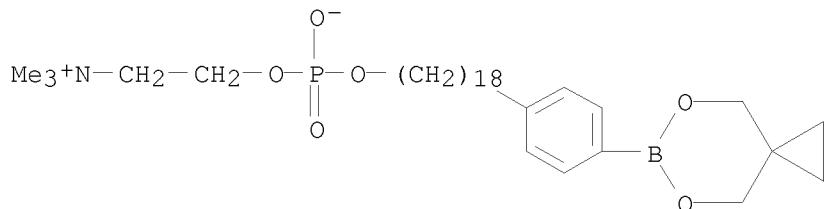
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CN Ethanaminium, 2-[ [hydroxy[ [18-[4-(5-methyl-5-propyl-1,3,2-dioxaborinan-2-yl)phenyl]octadecyl]oxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)



RN 1092073-05-6 CAPLUS

CN Ethanaminium, 2-[ [[18-[4-(5,7-dioxa-6-boraspireo[2.5]oct-6-yl)phenyl]octadecyl]oxy]hydroxylphosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)



IT 1092095-06-1P 1092095-07-2P 1092095-08-3P

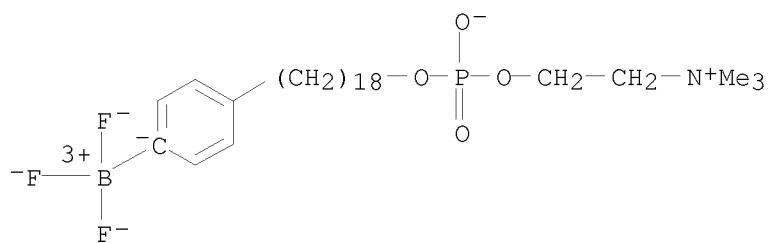
1092095-09-4P 1092507-59-9P

RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(radioiodination intermediate; methods for the synthesis and use of phospholipid ether boronic acids and esters)

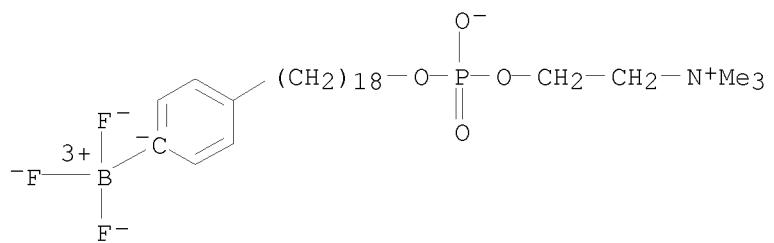
RN 1092095-06-1 CAPLUS

CN Borate(1-), trifluoro[4-(20-hydroxy-24,24-dimethyl-20-oxido-19,21-dioxa-24-azonia-20-phosphapentacos-1-yl)phenyl]-, sodium (1:1), (T-4)- (CA INDEX NAME)



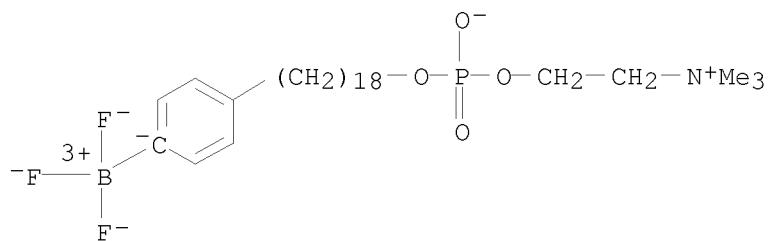
● Na<sup>+</sup>

RN 1092095-07-2 CAPLUS  
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● K<sup>+</sup>

RN 1092095-08-3 CAPLUS  
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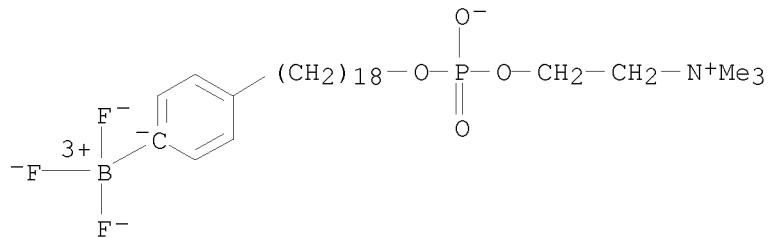


● Cs<sup>+</sup>

RN 1092095-09-4 CAPLUS  
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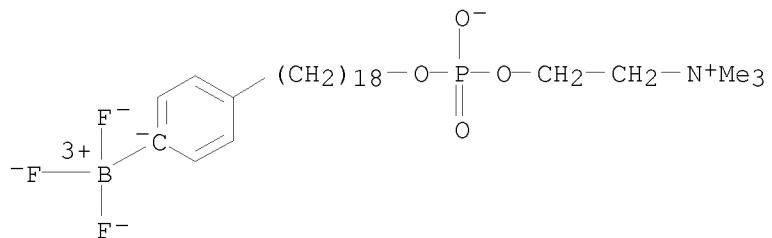
azonia-20-phosphapentacos-1-yl)phenyl]-, rubidium (1:1), (T-4)- (CA INDEX NAME)



● Rb<sup>+</sup>

RN 1092507-59-9 CAPLUS

CN Borate(1-), trifluoro[4-(20-hydroxy-24,24-dimethyl-20-oxido-19,21-dioxa-24-azonia-20-phosphapentacos-1-yl)phenyl]-, lithium (1:1), (T-4)- (CA INDEX NAME)



● Li<sup>+</sup>

RE.CNT 4

THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

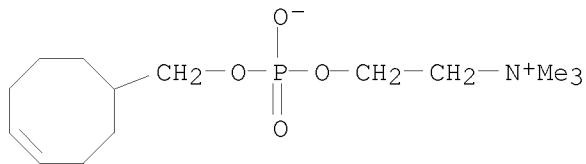
10/531,324

L4 ANSWER 5 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
AN 2008:743871 CAPLUS  
DN 149:54430  
TI Cyclooctene monomers and polymers, water purification articles, methods utilizing substituted cyclooctene polymers, crosslinked copolymer and its preparation  
IN Emrick, Todd Shannon; Breitenkamp, Kurt; Revanur, Ravindra; Freeman, Benny D.; McCloskey, Bryan  
PA USA  
SO U.S. Pat. Appl. Publ., 25pp.  
CODEN: USXXCO

DT Patent  
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 20080142454	A1	20080619	US 2007-899869	20070907
PRAI	US 2006-824987P	P	20060908		
OS	MARPAT 149:54430				
IT	1032743-53-5DP, copolymer RL: IMF (Industrial manufacture); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses) (cyclooctene graft polymer and antifouling coatings for water purification membranes)				
RN	1032743-53-5 CAPLUS				
CN	Ethanaminium, 2-[(4-cycloocten-1-ylmethoxy)hydroxyphosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)				



L4 ANSWER 6 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN

AN 2008:378629 CAPLUS

DN 148:363525

TI Near infrared-fluorescence using phospholipid ether analog dyes in neoplastic tissue detection endoscopic applications

IN Weichert, Jamey; Longino, Marc; Pinchuk, Anatoly; Muehler, Andreas

PA Collectar, LLC, USA

SO U.S. Pat. Appl. Publ., 12pp.

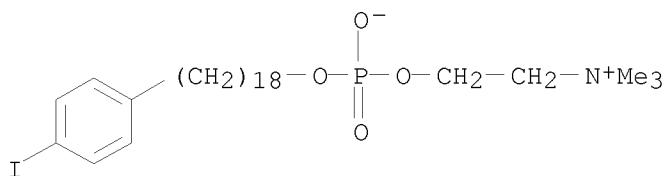
CODEN: USXXCO

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 20080075660	A1	20080327	US 2007-891939	20070814
	AU 2007355882	A1	20090108	AU 2007-355882	20070814
	WO 2009005509	A1	20090108	WO 2007-US17885	20070814
		W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW		
		RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM		
PRAI	US 2006-822448P	P	20060815		
	WO 2007-US17885	W	20070814		
OS	MARPAT 148:363525				
IT	208986-26-9				
	RL: RCT (Reactant); RACT (Reactant or reagent)				
	(NM 404; near IR-fluorescence using phospholipid ether analog dyes in neoplastic tissue detection endoscopic applications)				
RN	208986-26-9 CAPLUS				
CN	Ethanaminium, 2-[hydroxy[[18-(4-iodophenyl)octadecyl]oxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)				

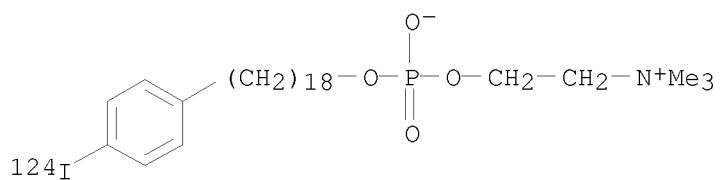


IT 873438-87-0P, 124I-NM404

RL: DGN (Diagnostic use); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (near IR-fluorescence using phospholipid ether analog dyes in neoplastic tissue detection endoscopic applications)

RN 873438-87-0 CAPLUS

CN Ethanaminium, 2-[hydroxy[[18-(4-iodo-124I)phenyl]octadecyl]oxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)



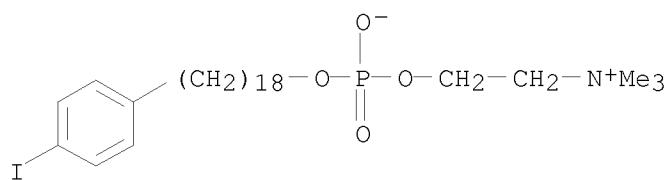
IT 208986-26-9D, radioactive iodine isotope

RL: DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(near IR-fluorescence using phospholipid ether analog dyes in neoplastic tissue detection endoscopic applications)

RN 208986-26-9 CAPLUS

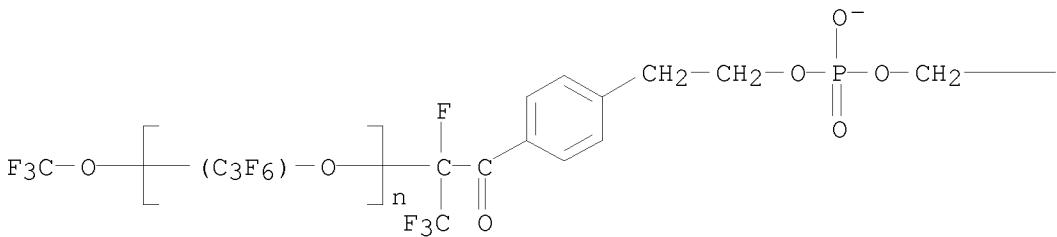
CN Ethanaminium, 2-[(hydroxy[[18-(4-iodophenyl)octadecyl]oxy]phosphinyl]oxy)-N,N,N-trimethyl-, inner salt (CA INDEX NAME)



L4 ANSWER 7 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 2008:220651 CAPLUS  
 DN 148:287217  
 TI Fluorocarbon emulsion stabilizing surfactants  
 IN Holtze, Christian; Guerra, Rodrigo E.; Agresti, Jeremy; Weitz, David A.  
 PA President and Fellows of Harvard College, USA  
 SO PCT Int. Appl., 97pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2008021123	A1	20080221	WO 2007-US17617	20070807
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
PRAI	US 2006-836455P	P	20060807		
IT	1008103-81-8			RL: TEM (Technical or engineered material use); USES (Uses) (fluorocarbon emulsion stabilizing surfactants)	
RN	1008103-81-8	CAPLUS			
CN	Poly[oxy[trifluoro(trifluoromethyl)-1,2-ethanediyl]], $\alpha$ -[1,2,2,2-tetrafluoro-1-[4-[2-[[hydroxy[2- (triethylammonio)ethoxy]phosphinyl]oxy]ethyl]benzoyl]ethyl]- $\omega$ - (trifluoromethoxy)-, innner salt (CA INDEX NAME)				

PAGE 1-A



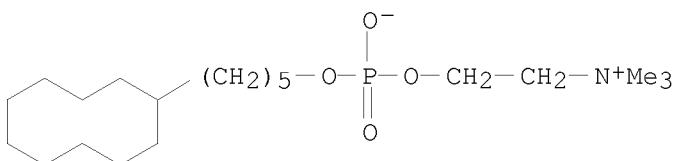
PAGE 1-B

—CH<sub>2</sub>—N<sup>+</sup>Et<sub>3</sub>

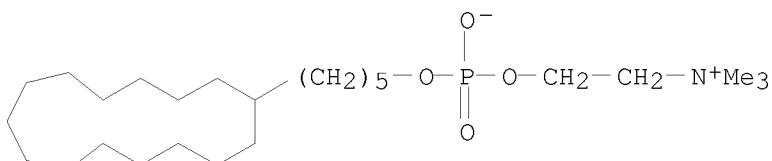
RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/531,324

L4 ANSWER 8 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
AN 2008:110254 CAPLUS  
DN 148:331350  
TI Design and Synthesis of Potent Antileishmanial Cycloalkylidene-Substituted Ether Phospholipid Derivatives  
AU Calogeropoulou, Theodora; Angelou, Panagiotis; Detsi, Anastasia;  
Fragiadaki, Irene; Scoulica, Effie  
CS Institute of Organic and Pharmaceutical Chemistry, National Hellenic Research Foundation, Athens, 11635, Greece  
SO Journal of Medicinal Chemistry (2008), 51(4), 897-908  
CODEN: JMCMAR; ISSN: 0022-2623  
PB American Chemical Society  
DT Journal  
LA English  
OS CASREACT 148:331350  
IT 1011461-66-7P 1011461-67-8P  
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)  
    (preparation and antileishmanial activity of cycloalkylidene- or alkyl-substituted ether phospholipid ammonium salts via phosphorylation, condensation and reduction from cycloalkylidene alkyl or alkyl alcs. and alkyl ammonium salts)  
RN 1011461-66-7 CAPLUS  
CN Ethanaminium, 2-[[[(5-cyclodecylpentyl)oxy]hydroxyphosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)



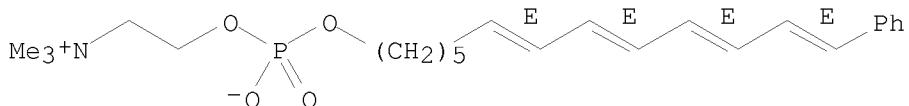
RN 1011461-67-8 CAPLUS  
CN Ethanaminium, 2-[[(5-cyclopentadecylpentyl)oxy]hydroxyphosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)



RE.CNT 54 THERE ARE 54 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

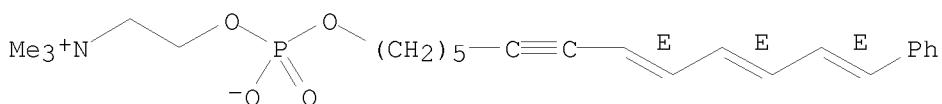
L4 ANSWER 9 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 2007:1247757 CAPLUS  
 DN 148:92168  
 TI Synthesis and biological evaluation of fluorescent leishmanicidal analogues of hexadecylphosphocholine (miltefosine) as probes of antiparasite mechanisms  
 AU Saugar, Jose M.; Delgado, Javier; Hornillos, Valentin; Luque-Ortega, Juan R.; Amat-Guerri, Francisco; Acuna, A. Ulises; Rivas, Luis  
 CS Centro de Investigaciones Biologicas, C.S.I.C., Madrid, E-28040, Spain  
 SO Journal of Medicinal Chemistry (2007), 50(24), 5994-6003  
 CODEN: JMCMAR; ISSN: 0022-2623  
 PB American Chemical Society  
 DT Journal  
 LA English  
 OS CASREACT 148:92168  
 IT 1000036-91-8P 1000036-93-0P  
 RL: BSU (Biological study, unclassified); SPN (Synthetic preparation);  
 BIOL (Biological study); PREP (Preparation)  
 (preparation of fluorescent leishmanicidal analogs of  
 hexadecylphosphocholine (miltefosine) as probes for parasiticial  
 mechanism drug mechanism)  
 RN 1000036-91-8 CAPLUS  
 CN Ethanaminium, 2-[hydroxy[(6E,8E,10E,12E)-13-phenyl-6,8,10,12-tridecatetraen-1-yl]oxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)

Double bond geometry as shown.



RN 1000036-93-0 CAPLUS  
 CN Ethanaminium, 2-[hydroxy[(8E,10E,12E)-13-phenyl-8,10,12-tridecatrien-6-yn-1-yl]oxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)

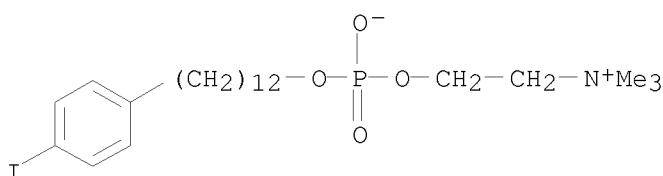
Double bond geometry as shown.



RE.CNT 72 THERE ARE 72 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

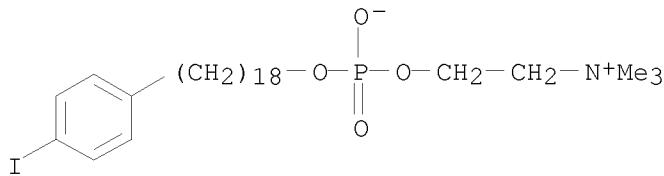
L4 ANSWER 10 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 2007:90917 CAPLUS  
 DN 146:177156  
 TI Phospholipid ether analogs as cancer treatment agents and methods thereof  
 IN Weichert, Jamey; Longino, Marc; Pinchuk, Anatoly  
 PA Collectar, LLC, USA  
 SO U.S. Pat. Appl. Publ., 50pp., Cont.-in-part of U.S. Ser. No. 906,687.  
 CODEN: USXXCO  
 DT Patent  
 LA English  
 FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 20070020178	A1	20070125	US 2005-316620	20051220
	US 20050196339	A1	20050908	US 2005-906687	20050302
	EP 2044960	A2	20090408	EP 2008-10321	20050302
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR				
	EP 2044961	A2	20090408	EP 2008-20805	20050302
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR				
	US 20060228298	A1	20061012	US 2006-382645	20060510
PRAI	US 2004-521166P	P	20040302		
	US 2004-593190P	P	20041220		
	US 2005-906687	A2	20050302		
	US 2004-521831P	P	20040708		
	EP 2005-729873	A3	20050302		
	US 2004-906687	A2	20050302		
	WO 2005-US6681	A2	20050302		
	US 2005-594832P	P	20050510		
	US 2005-177749	A2	20050708		
	WO 2005-US24259	A2	20050708		
	US 2005-316620	A2	20051220		
	WO 2005-US47657	A2	20051220		
OS	MARPAT 146:177156				
IT	167634-95-9, NM 346				
	RL: PAC (Pharmacological activity); PKT (Pharmacokinetics); THU (Therapeutic use); BIOL (Biological study); USES (Uses) (NM 346; phospholipid ether analogs as cancer treatment agents and methods)				
RN	167634-95-9 CAPLUS				
CN	Ethanaminium, 2-[hydroxy[[12-(4-iodophenyl)dodecyl]oxy]phosphinyl]oxy]- N,N,N-trimethyl-, inner salt (CA INDEX NAME)				



IT 208986-26-9, NM 404  
 RL: ADV (Adverse effect, including toxicity); PAC (Pharmacological activity); PKT (Pharmacokinetics); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (NM 404; phospholipid ether analogs as cancer treatment agents and methods)  
 RN 208986-26-9 CAPLUS

CN Ethanaminium, 2-[hydroxy[[18-(4-iodophenyl)octadecyl]oxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)

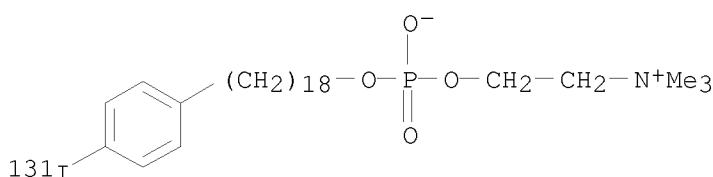


IT 873438-88-1

RL: ADV (Adverse effect, including toxicity); PAC (Pharmacological activity); PKT (Pharmacokinetics); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(phospholipid ether analogs as cancer treatment agents and methods)

RN 873438-88-1 CAPLUS

CN Ethanaminium, 2-[hydroxy[[18-[4-(iodo-<sup>131</sup>I)phenyl]octadecyl]oxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)

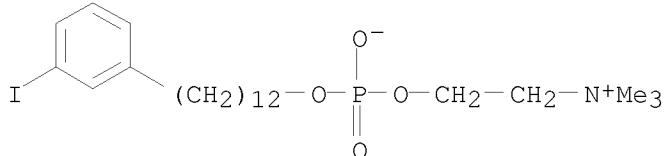


IT 141189-56-2 144796-42-9, Nm 324 873438-87-0  
885601-12-7, NM 396 885601-13-8, NM-397

RL: PAC (Pharmacological activity); PKT (Pharmacokinetics); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(phospholipid ether analogs as cancer treatment agents and methods)

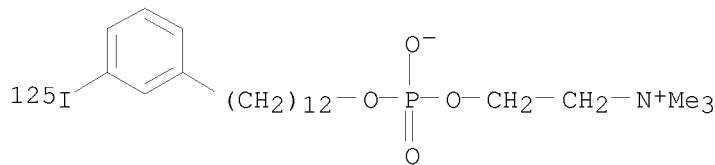
RN 141189-56-2 CAPLUS

CN Ethanaminium, 2-[hydroxy[[12-(3-iodophenyl)dodecyl]oxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)



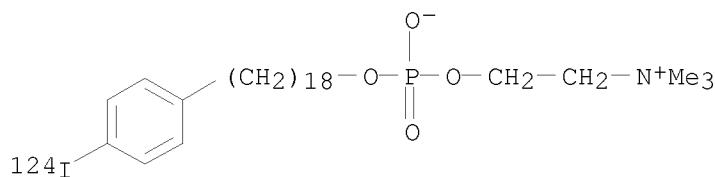
RN 144796-42-9 CAPLUS

CN Ethanaminium, 2-[hydroxy[[12-[3-(iodo-<sup>125</sup>I)phenyl]dodecyl]oxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)



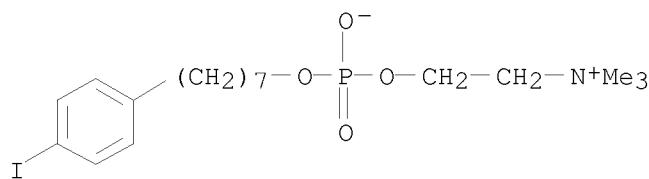
RN 873438-87-0 CAPLUS

CN Ethanaminium, 2-[hydroxy[18-[4-(iodo- $^{124}\text{I}$ )phenyl]octadecyloxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)



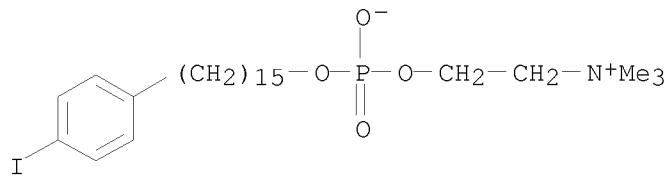
RN 885601-12-7 CAPLUS

CN Ethanaminium, 2-[hydroxy[7-(4-iodophenyl)heptyloxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)



RN 885601-13-8 CAPLUS

CN Ethanaminium, 2-[hydroxy[15-(4-iodophenyl)pentadecyloxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)



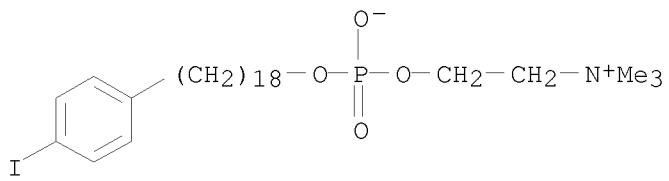
IT 208986-26-9D, radioiodine labeled derivs. 208986-35-0

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(phospholipid ether analogs as cancer treatment agents and methods)

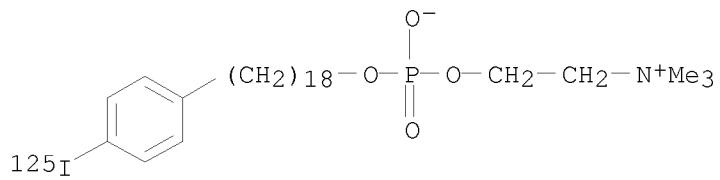
RN 208986-26-9 CAPLUS

CN Ethanaminium, 2-[hydroxy[18-(4-iodophenyl)octadecyloxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)

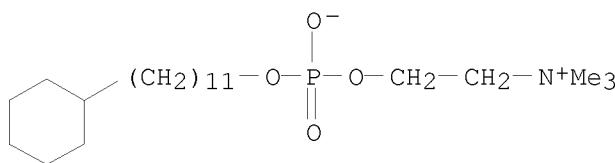


RN 208986-35-0 CAPLUS

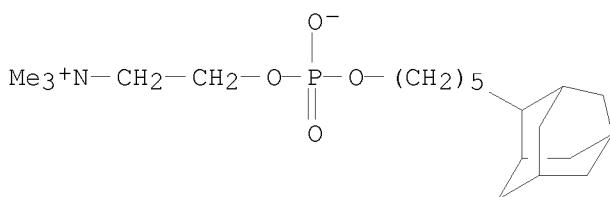
CN Ethanaminium, 2-[hydroxy[18-[4-(iodo-125I)phenyl]octadecyloxy]phosphoryl]oxy]-N,N,N-trimethyl-, inner salt  
(CA INDEX NAME)



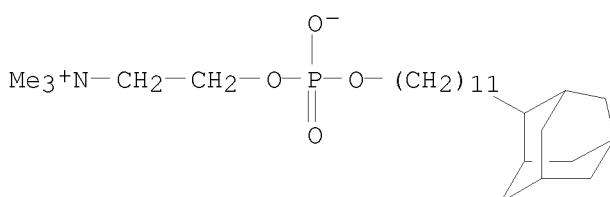
L4 ANSWER 11 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 2007:24112 CAPLUS  
 DN 146:287646  
 TI 3D-Quantitative structure-activity relationships of synthetic antileishmanial ring-substituted ether phospholipids  
 AU Kapou, Agnes; Benetis, Nikolas P.; Avlonitis, Nikos; Calogeropoulou, Theodora; Koufaki, Maria; Scoulica, Efi; Nikolaropoulos, Sotiris S.; Mavromoustakos, Thomas  
 CS Institute of Organic and Pharmaceutical Chemistry, National Hellenic Research Foundation, Athens, 116 35, Greece  
 SO Bioorganic & Medicinal Chemistry (2007), 15(3), 1252-1265  
 CODEN: BMECEP; ISSN: 0968-0896  
 PB Elsevier Ltd.  
 DT Journal  
 LA English  
 IT 503868-27-7 503868-28-8 503868-29-9  
 RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (SAR of synthetic antileishmanial ring-substituted ether phospholipids)  
 RN 503868-27-7 CAPLUS  
 CN Ethanaminium, 2-[[[(11-cyclohexylundecyl)oxy]hydroxyphosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)



RN 503868-28-8 CAPLUS  
 CN Ethanaminium, 2-[[hydroxy[(5-tricyclo[3.3.1.13,7]dec-2-ylpentyl)oxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)



RN 503868-29-9 CAPLUS  
 CN Ethanaminium, 2-[[hydroxy[(11-tricyclo[3.3.1.13,7]dec-2-ylundecyl)oxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)



10/531,324

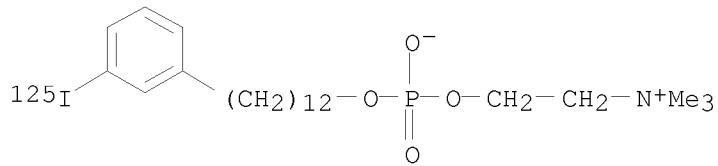
RE.CNT 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 12 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 2006:1070290 CAPLUS  
 DN 145:413168  
 TI Imaging and selective retention of phospholipid ether analogs  
 IN Weichert, Jamey P.; Longino, Marc; Weber, Sharon; Nwankwo, Joseph O.  
 PA Collectar, LLC, USA  
 SO U.S. Pat. Appl. Publ., 21pp., Cont.-in-part of U.S. Ser. No. 316,620.  
 CODEN: USXXCO  
 DT Patent  
 LA English  
 FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 20060228298	A1	20061012	US 2006-382645	20060510
	AU 2005219412	A1	20050915	AU 2005-219412	20050302
	CA 2557698	A1	20050915	CA 2005-2557698	20050302
	WO 2005084716	A2	20050915	WO 2005-US6681	20050302
	WO 2005084716	A3	20060601		
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EP 1729824	A2	20061213	EP 2005-729873	20050302	
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, LV, MK, YU					
CN 1929869	A	20070314	CN 2005-80007056	20050302	
BR 2005008425	A	20070724	BR 2005-8425	20050302	
JP 2007528374	T	20071011	JP 2007-501917	20050302	
EP 2044960	A2	20090408	EP 2008-10321	20050302	
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR					
EP 2044961	A2	20090408	EP 2008-20805	20050302	
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US 20060013767	A1	20060119	US 2005-177749	20050708	
US 20070098633	A2	20070503			
AU 2005269861	A2	20060209	AU 2005-269861	20050708	
AU 2005269861	A1	20060209			
CA 2572398	A1	20060209	CA 2005-2572398	20050708	
WO 2006014589	A2	20060209	WO 2005-US24259	20050708	
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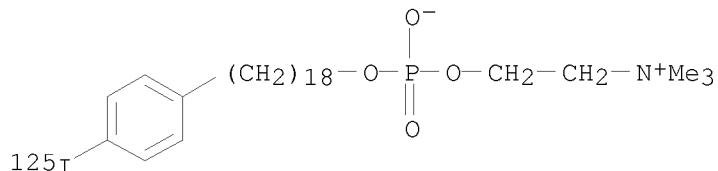
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EP 1773408	A2	20070418	EP 2005-769481	20050708
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CN 101001647	A	20070718	CN 2005-80026935	20050708
BR 2005011445	A	20071226	BR 2005-11445	20050708
JP 2008508909	T	20080327	JP 2007-520532	20050708
US 20070020178	A1	20070125	US 2005-316620	20051220
CA 2591907	A1	20070201	CA 2005-2591907	20051220
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WO 2007013894	A9	20070329		
WO 2007013894	A3	20070419		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
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EP 1833514	A2	20070919	EP 2005-858499	20051220
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JP 2008545614	T	20081218	JP 2007-548624	20051220
MX 2006009681	A	20070315	MX 2006-9681	20060824
IN 2006DN04875	A	20070810	IN 2006-DN4875	20060824
KR 2007015518	A	20070205	KR 2006-718488	20060908
IN 2007DN00016	A	20070803	IN 2007-DN16	20070102
MX 2007000207	A	20070330	MX 2007-207	20070108
NO 2007000705	A	20070402	NO 2007-705	20070207
KR 2007054630	A	20070529	KR 2007-703022	20070207
MX 2007007497	A	20080111	MX 2007-7497	20070620
KR 2008005178	A	20080110	KR 2007-716834	20070720
PRAI US 2004-521166P	P	20040302		
US 2004-521831P	P	20040708		
US 2004-593190P	P	20041220		
US 2004-906687	A2	20050302		
WO 2005-US6681	A2	20050302		
US 2005-594832P	P	20050510		
US 2005-177749	A2	20050708		
WO 2005-US24259	A2	20050708		
US 2005-316620	A2	20051220		
WO 2005-US47657	A2	20051220		
EP 2005-729873	A3	20050302		
US 2005-906687	A2	20050302		
OS MARPAT 145:413168				
IT 144796-42-9, Nm324 208986-35-0, 125I-Nm404				
RL: DGN (Diagnostic use); PKT (Pharmacokinetics); THU (Therapeutic use); BIOL (Biological study); USES (Uses)				
(imaging and selective retention of radiolabeled phospholipid ether analogs)				
RN 144796-42-9 CAPLUS				
CN Ethanaminium, 2-[hydroxy[12-[3-(iodo-125I)phenyl]dodecyl]oxy]phosphoryl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)				



RN 208986-35-0 CAPLUS

CN Ethanaminium, 2-[hydroxy[18-[4-(iodo- $^{125}\text{I}$ )phenyl]octadecyl]oxy]phosphoryl-N,N,N-trimethyl-, inner salt  
(CA INDEX NAME)

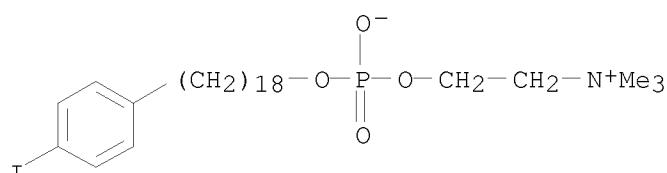


IT 208986-26-9

RL: DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study);  
USES (Uses)  
(imaging and selective retention of radiolabeled phospholipid ether  
analogs)

RN 208986-26-9 CAPLUS

CN Ethanaminium, 2-[hydroxy[18-(4-iodophenyl)octadecyl]oxy]phosphoryl-O-  
N,N,N-trimethyl-, inner salt (CA INDEX NAME)

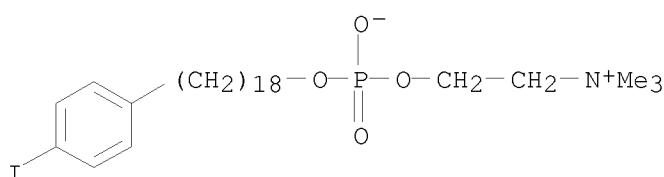


L4 ANSWER 13 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 2006:517157 CAPLUS  
 DN 145:3349  
 TI Methods of detecting breast cancer, brain cancer, and pancreatic cancer  
 IN Weichert, Jamey P.; Longino, Marc A.; Moser, Amy R.  
 PA USA  
 SO U.S. Pat. Appl. Publ., 12 pp.  
 CODEN: USXXCO

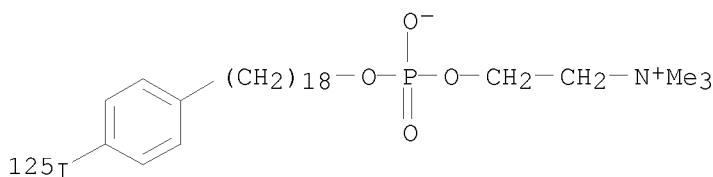
DT Patent  
 LA English

FAN.CNT 1

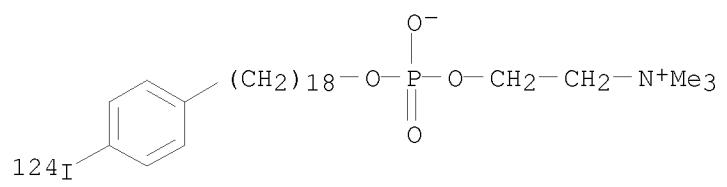
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 20060115426	A1	20060601	US 2005-201793	20050811
PRAI	US 2004-600588P	P	20040811		
OS	MARPAT 145:3349				
IT	208986-26-9D, NM 404, radiolabeled				
	RL: DGN (Diagnostic use); BIOL (Biological study); USES (Uses)				
	(NM 404; methods of detecting breast cancer, brain cancer, and				
	pancreatic cancer)				
RN	208986-26-9 CAPLUS				
CN	Ethanaminium, 2-[hydroxy[[18-(4-iodophenyl)octadecyl]oxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)				



IT 208986-35-0, 125-I-Nm404 873438-87-0, 124-I-Nm404  
 RL: DGN (Diagnostic use); PKT (Pharmacokinetics); BIOL (Biological study);  
 USES (Uses)  
 (methods of detecting breast cancer, brain cancer, and pancreatic  
 cancer)  
 RN 208986-35-0 CAPLUS  
 CN Ethanaminium, 2-[hydroxy[[18-[4-(iodo-  
 125I)phenyl]octadecyl]oxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt  
 (CA INDEX NAME)

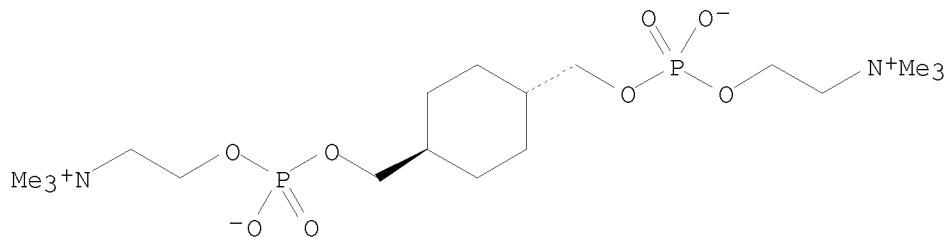


RN 873438-87-0 CAPLUS  
 CN Ethanaminium, 2-[hydroxy[[18-[4-(iodo-  
 124I)phenyl]octadecyl]oxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt  
 (CA INDEX NAME)



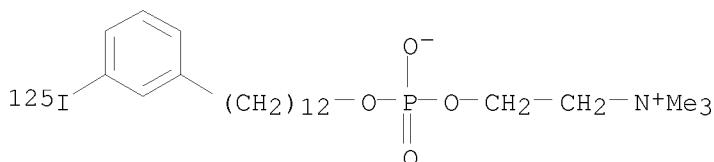
L4 ANSWER 14 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 2006:385668 CAPLUS  
 DN 145:20417  
 TI Targeting C-reactive protein for the treatment of cardiovascular disease  
 AU Pepys, Mark B.; Hirschfield, Gideon M.; Tennent, Glenys A.; Ruth  
 Gallimore, J.; Kahan, Melvyn C.; Bellotti, Vittorio; Hawkins, Philip N.;  
 Myers, Rebecca M.; Smith, Martin D.; Polara, Alessandra; Cobb, Alexander  
 J. A.; Ley, Steven V.; Andrew Aquilina, J.; Robinson, Carol V.; Sharif,  
 Isam; Gray, Gillian A.; Sabin, Caroline A.; Jenvey, Michelle C.; Kolstoe,  
 Simon E.; Thompson, Darren; Wood, Stephen P.  
 CS Centre for Amyloidosis and Acute Phase Proteins, Department of Medicine,  
 Royal Free and University College Medical School, University College  
 London, London, NW3 2PF, UK  
 SO Nature (London, United Kingdom) (2006), 440(7088), 1217-1221  
 CODEN: NATUAS; ISSN: 0028-0836  
 PB Nature Publishing Group  
 DT Journal  
 LA English  
 IT 889059-07-8P  
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU  
 (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES  
 (Uses)  
 (targeting C-reactive protein for the treatment of cardiovascular  
 disease)  
 RN 889059-07-8 CAPLUS  
 CN Ethanaminium, 2,2'-[trans-1,4-  
 cyclohexanediylibis(methyleneoxyphosphinooxy)]bis[N,N,N-trimethyl-,  
 bis(inner salt) (9CI) (CA INDEX NAME)

Relative stereochemistry.

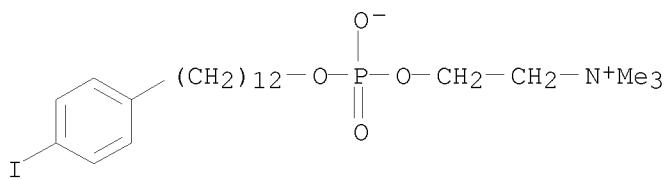


RE.CNT 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

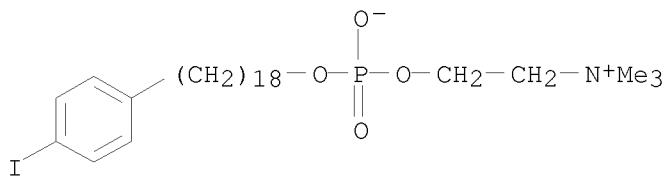
L4 ANSWER 15 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
AN 2006:237087 CAPLUS  
DN 144:444908  
TI Synthesis and Structure-Activity Relationship Effects on the Tumor Avidity  
of Radioiodinated Phospholipid Ether Analogue  
AU Pinchuk, Anatoly N.; Rampy, Mark A.; Longino, Marc A.; Skinner, R. W.  
Scott; Gross, Milton D.; Weichert, Jamey P.; Counsell, Raymond E.  
CS Department of Pharmacology, University of Michigan Medical School, Ann  
Arbor, MI, 48109-0632, USA  
SO Journal of Medicinal Chemistry (2006), 49(7), 2155-2165  
CODEN: JMCMAR; ISSN: 0022-2623  
PB American Chemical Society  
DT Journal  
LA English  
OS CASREACT 144:444908  
IT 144796-42-9, NM-324 167634-95-9, NM 346  
208986-26-9, NM 404 885601-12-7, NM 396  
885601-13-8, NM 397  
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL  
(Biological study); USES (Uses)  
    (Synthesis and Structure-Activity Relationship Effects on the Tumor  
    Avidity of Radioiodinated Phospholipid Ether Analogs)  
RN 144796-42-9 CAPLUS  
CN Ethanaminium, 2-[hydroxy[12-[3-(iodo-  
125I)phenyl]dodecyl]oxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA  
INDEX NAME)



RN 167634-95-9 CAPLUS  
CN Ethanaminium, 2-[hydroxy[[12-(4-iodophenyl)dodecyl]oxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)

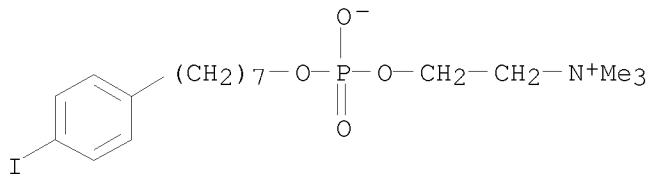


RN 208986-26-9 CAPLUS  
CN Ethanaminium, 2-[hydroxy[[(18-(4-iodophenyl)octadecyl)oxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)



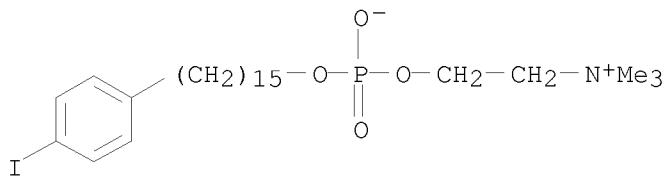
RN 885601-12-7 CAPLUS

CN Ethanaminium, 2-[hydroxy[7-(4-iodophenyl)heptyl]oxy]phosphoryl oxy]—N,N,N-trimethyl-, inner salt (CA INDEX NAME)



RN 885601-13-8 CAPLUS

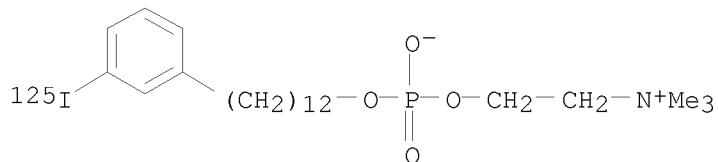
CN Ethanaminium, 2-[hydroxy[15-(4-iodophenyl)pentadecyl]oxy]phosphoryl oxy]—N,N,N-trimethyl-, inner salt (CA INDEX NAME)

RE.CNT 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

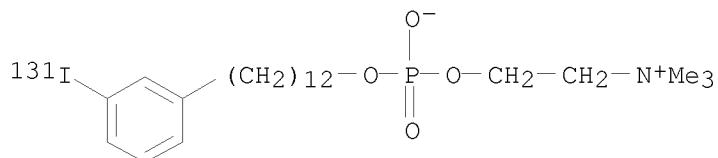
L4 ANSWER 16 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 2006:49496 CAPLUS  
 DN 144:123969  
 TI Virtual colonoscopy with radiolabeled phospholipid ether analogs  
 IN Weichert, Jamey P.; Longino, Marc A.  
 PA Collectar, LLC, USA  
 SO U.S. Pat. Appl. Publ., 43 pp.  
 CODEN: USXXCO  
 DT Patent  
 LA English  
 FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 20060013767	A1	20060119	US 2005-177749	20050708
	US 20070098633	A2	20070503		
	US 20060228298	A1	20061012	US 2006-382645	20060510
PRAI	US 2004-521831P	P	20040708		
	US 2004-521166P	P	20040302		
	US 2004-593190P	P	20041220		
	US 2004-906687	A2	20050302		
	WO 2005-US6681	A2	20050302		
	US 2005-594832P	P	20050510		
	US 2005-177749	A2	20050708		
	WO 2005-US24259	A2	20050708		
	US 2005-316620	A2	20051220		
	WO 2005-US47657	A2	20051220		

IT 144796-42-9, Nm-324 873438-89-2, 131I-NM 324  
 RL: DGN (Diagnostic use); BIOL (Biological study); USES (Uses)  
 (virtual colonoscopy with radiolabeled phospholipid ether analogs)  
 RN 144796-42-9 CAPLUS  
 CN Ethanaminium, 2-[hydroxy[[12-[3-(iodo-  
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 INDEX NAME)

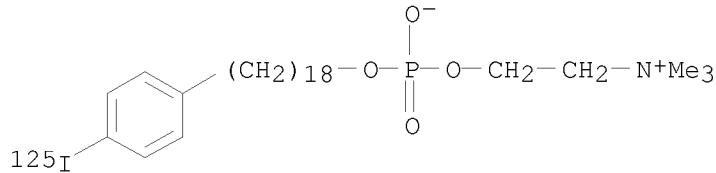


RN 873438-89-2 CAPLUS  
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 131I)phenyl]dodecyl]oxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt (9CI)  
 (CA INDEX NAME)

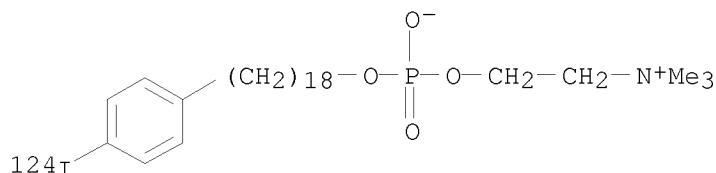


IT 208986-35-0P, 125I-NM 404 873438-87-0P, 124I-NM 404  
 873438-88-1P, 131I-NM 404 873438-90-5P, 123I-NM 404  
 RL: DGN (Diagnostic use); PKT (Pharmacokinetics); SPN (Synthetic)

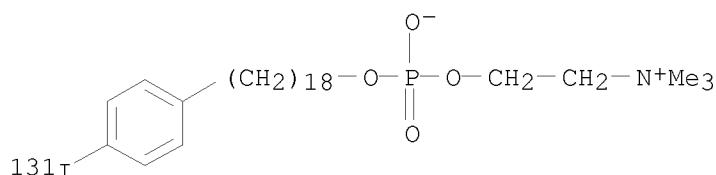
preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (virtual colonoscopy with radiolabeled phospholipid ether analogs)  
 RN 208986-35-0 CAPLUS  
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 (CA INDEX NAME)



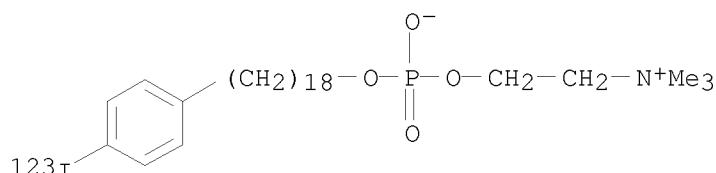
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 CN Ethanaminium, 2-[hydroxy[18-[4-(iodo-  
 124I)phenyl]octadecyl]oxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt  
 (CA INDEX NAME)



RN 873438-88-1 CAPLUS  
 CN Ethanaminium, 2-[hydroxy[18-[4-(iodo-  
 131I)phenyl]octadecyl]oxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt  
 (CA INDEX NAME)



RN 873438-90-5 CAPLUS  
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 123I)phenyl]octadecyl]oxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt  
 (9CI) (CA INDEX NAME)



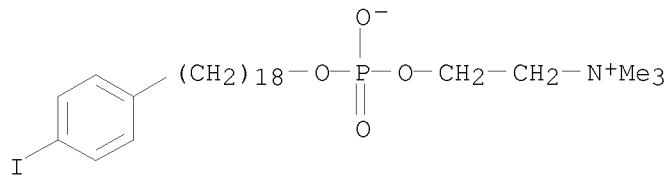
IT 208986-26-9P, NM 404  
 RL: DGN (Diagnostic use); RCT (Reactant); SPN (Synthetic preparation);

BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent);  
USES (Uses)

(virtual colonoscopy with radiolabeled phospholipid ether analogs)

RN 208986-26-9 CAPLUS

CN Ethanaminium, 2-[hydroxy[[18-(4-iodophenyl)octadecyl]oxy]phosphinyl]oxy]-  
N,N,N-trimethyl-, inner salt (CA INDEX NAME)



L4 ANSWER 17 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN

AN 2005:985194 CAPLUS

DN 143:260353

TI Phospholipid analogs as diapeutic\* agents and methods thereof

IN Weichert, Jamey; Longino, Marc; Pinchuk, Anatoly

PA Collectar, LLC, USA

SO U.S. Pat. Appl. Publ., 51 pp.

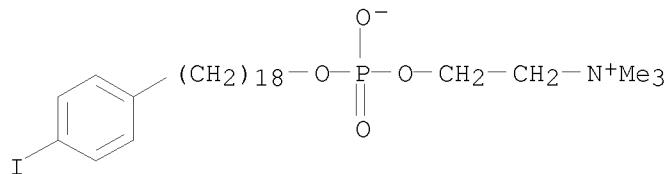
CODEN: USXXCO

DT Patent

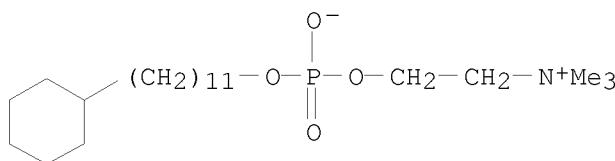
LA English

FAN.CNT 4

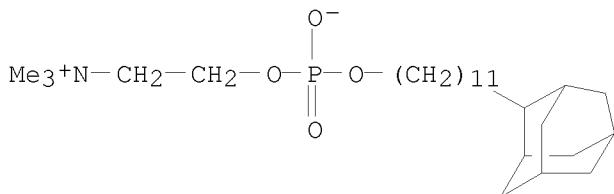
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PI	US 20050196339	A1	20050908	US 2005-906687	20050302
	EP 2044960	A2	20090408	EP 2008-10321	20050302
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR				
	EP 2044961	A2	20090408	EP 2008-20805	20050302
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR				
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PRAI	US 2004-521166P	P	20040302		
	US 2004-593190P	P	20041220		
	EP 2005-729873	A3	20050302		
	US 2005-906687	A2	20050302		
OS	MARPAT 143:260353				
IT	208986-26-9				
	RL: DGN (Diagnostic use); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)				
	(phospholipid analogs as diapeutic agents and methods thereof)				
RN	208986-26-9 CAPLUS				
CN	Ethanaminium, 2-[hydroxy[[18-(4-iodophenyl)octadecyl]oxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)				



L4 ANSWER 18 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 2005:568484 CAPLUS  
 DN 143:472308  
 TI Structure-activity relationships of antineoplastic ring-substituted ether phospholipid derivatives  
 AU Papazafiri, Panagiota; Avlonitis, Nicolaos; Angelou, Panagiotis;  
 Calogeropoulou, Theodora; Koufaki, Maria; Scoulica, Efi; Fragiadaki, Irene  
 CS Department of Animal and Human Physiology, School of Biology, University  
 of Athens, Athens, 15784, Greece  
 SO Cancer Chemotherapy and Pharmacology (2005), 56(3), 261-270  
 CODEN: CCPHDZ; ISSN: 0344-5704  
 PB Springer GmbH  
 DT Journal  
 LA English  
 IT 503868-27-7 503868-29-9  
 RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL  
 (Biological study); USES (Uses)  
 (alkylphosphocholine 2-(4-alkylindenecyclohexyloxy)ethyl substituted  
 ether lipid and cyclohexylidene substituted alkoxyphosphodiester analog  
 showed antineoplastic activity agents in cancer cell lines)  
 RN 503868-27-7 CAPLUS  
 CN Ethanaminium, 2-[[(11-cyclohexylundecyl)oxy]hydroxyphosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)



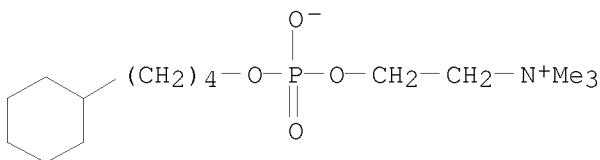
RN 503868-29-9 CAPLUS  
 CN Ethanaminium, 2-[[(hydroxy[(11-tricyclo[3.3.1.13,7]dec-2-ylundecyl)oxy]phosphinyl)oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)



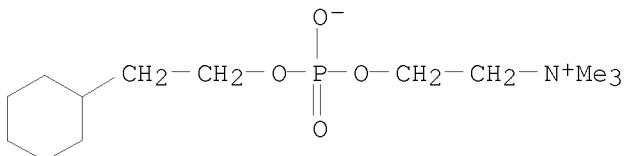
RE.CNT 39 THERE ARE 39 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 19 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 2005:34503 CAPLUS  
 DN 142:110116  
 TI Methods and kits for obtaining nucleic acid from biological samples  
 IN Montesclaros, Luz; Greenfield, I. Lawrence  
 PA Applera Corporation, USA  
 SO U.S. Pat. Appl. Publ., 29 pp.  
 CODEN: USXXCO  
 DT Patent  
 LA English  
 FAN.CNT 1

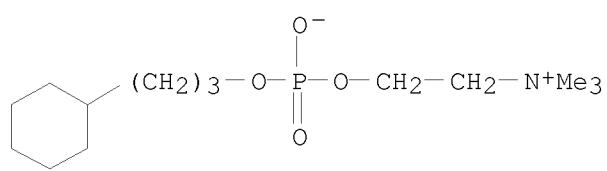
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 20050009036	A1	20050113	US 2003-618493	20030711
	WO 2005007895	A1	20050127	WO 2004-US22250	20040709
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRAI	US 2003-618493	A	20030711		
IT	675126-15-5	823796-65-2	823796-66-3		
	RL: BSU (Biological study, unclassified); BIOL (Biological study) (methods and kits for obtaining nucleic acid from biol. samples)				
RN	675126-15-5	CAPLUS			
CN	Ethanaminium, 2-[(4-cyclohexylbutoxy)hydroxyphosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)				



RN 823796-65-2 CAPLUS  
 CN Ethanaminium, 2-[(2-cyclohexylethoxy)hydroxyphosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)

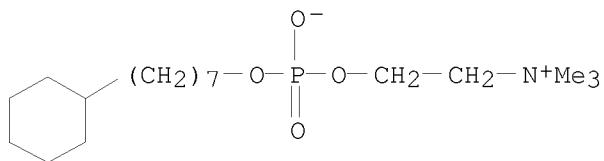


RN 823796-66-3 CAPLUS  
 CN Ethanaminium, 2-[(3-cyclohexylpropoxy)hydroxyphosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)



10/531,324

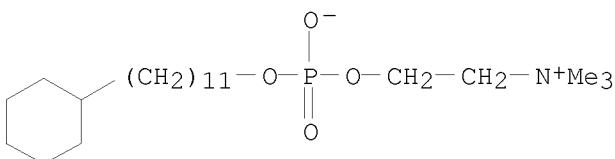
L4 ANSWER 20 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
AN 2004:582229 CAPLUS  
DN 141:256397  
TI The integral membrane enzyme PagP alternates between two dynamically distinct states  
AU Hwang, Peter M.; Bishop, Russell E.; Kay, Lewis E.  
CS Department of Biochemistry, University of Toronto, Toronto, ON, M5S 1A8, Can.  
SO Proceedings of the National Academy of Sciences of the United States of America (2004), 101(26), 9618-9623  
CODEN: PNASA6; ISSN: 0027-8424  
PB National Academy of Sciences  
DT Journal  
LA English  
IT 657393-66-3, CyFos 7  
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)  
(CyFos 7; integral membrane enzyme PagP alternates between two dynamically distinct conformation states)  
RN 657393-66-3 CAPLUS  
CN Ethanaminium, 2-[[[(7-cyclohexylheptyl)oxy]hydroxyphosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)



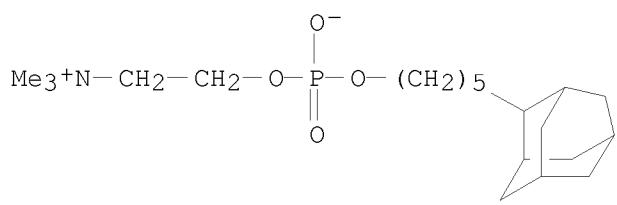
RE.CNT 39 THERE ARE 39 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 21 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 2004:412752 CAPLUS  
 DN 140:423917  
 TI Antiprotozoal ring-substituted phospholipids  
 IN Calogeropoulou, Theodora; Koufaki, Maria; Avlonitis, Nikolaos;  
 Makriyannis, Alexandros  
 PA Greece  
 SO PCT Int. Appl., 40 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004041167	A2	20040521	WO 2003-US34225	20031029
	WO 2004041167	A3	20040916		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	CA 2503058	A1	20040521	CA 2003-2503058	20031029
	AU 2003285071	A1	20040607	AU 2003-285071	20031029
	BR 2003015840	A	20050927	BR 2003-15840	20031029
	EP 1578754	A2	20050928	EP 2003-779386	20031029
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	CN 1742017	A	20060301	CN 2003-80107828	20031029
	IN 2005DN01554	A	20070511	IN 2005-DN1554	20050415
	US 20060105998	A1	20060518	US 2005-531324	20051220
PRAI	US 2002-422383P	P	20021030		
	WO 2003-US34225	W	20031029		
OS	MARPAT 140:423917				
IT	503868-27-7P 503868-28-8P 503868-29-9P				
	RL: BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)				
	(preparation of antiprotozoal ring-substituted phospholipids)				
RN	503868-27-7 CAPLUS				
CN	Ethanaminium, 2-[[(11-cyclohexylundecyl)oxy]hydroxyphosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)				

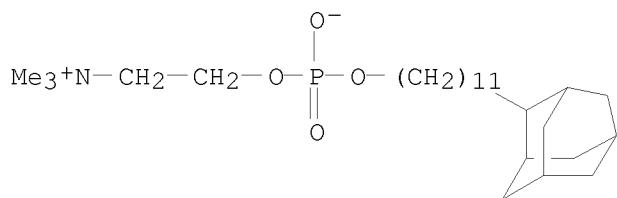


RN 503868-28-8 CAPLUS  
 CN Ethanaminium, 2-[[(hydroxy[(5-tricyclo[3.3.1.13,7]dec-2-ylpentyl)oxy]phosphinyl)oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)



RN 503868-29-9 CAPLUS

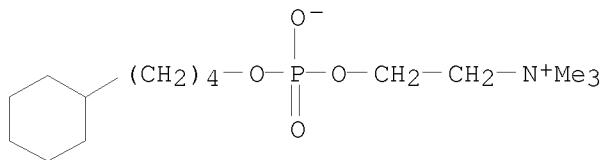
CN Ethanaminium, 2-[hydroxy[(11-tricyclo[3.3.1.13,7]dec-2-ylundecyl)oxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)



RE.CNT 2

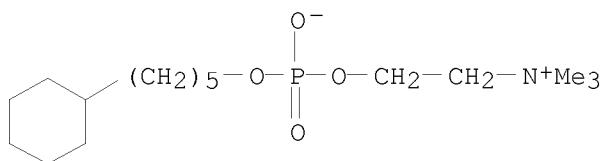
THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 22 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 2004:47836 CAPLUS  
 DN 140:283019  
 TI Multivalent Mechanism of Membrane Insertion by the FYVE Domain  
 AU Kutateladze, Tatiana G.; Capelluto, Daniel G. S.; Ferguson, Colin G.;  
     Cheever, Matthew L.; Kutateladze, Andrei G.; Prestwich, Glenn D.;  
     Overduin, Michael  
 CS the Department of Pharmacology, University of Colorado Health Sciences  
     Center, Denver, UT, 80262, USA  
 SO Journal of Biological Chemistry (2004), 279(4), 3050-3057  
     CODEN: JBCHA3; ISSN: 0021-9258  
 PB American Society for Biochemistry and Molecular Biology  
 DT Journal  
 LA English  
 IT 675126-15-5  
     RL: BSU (Biological study, unclassified); BIOL (Biological study)  
         (affinity of FYVE domain of early endosome antigen 1 for  
         phosphatidylinositol 3-phosphate and phosphatidylserine and other  
         micelle system with synergy through hydrophobic and electrostatic  
         interactions)  
 RN 675126-15-5 CAPLUS  
 CN Ethanaminium, 2-[(4-cyclohexylbutoxy)hydroxyphosphinyl]oxy]-N,N,N-  
     trimethyl-, inner salt (CA INDEX NAME)

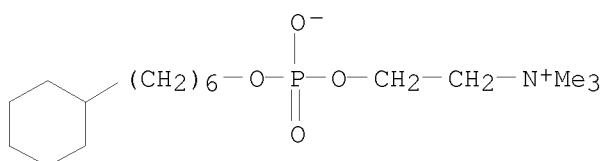


RE.CNT 52 THERE ARE 52 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

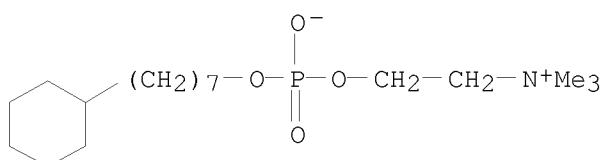
L4 ANSWER 23 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 2003:979103 CAPLUS  
 DN 140:176941  
 TI Solubilization and Purification of the MotA/MotB Complex of Escherichia coli  
 AU Kojima, Seiji; Blair, David F.  
 CS Department of Biology, University of Utah, Salt Lake City, UT, 84112, USA  
 SO Biochemistry (2004), 43(1), 26-34  
 CODEN: BICHAW; ISSN: 0006-2960  
 PB American Chemical Society  
 DT Journal  
 LA English  
 IT 657393-64-1, CyFos 5 657393-65-2, CyFos 6  
 657393-66-3, CyFos 7  
 RL: NUU (Other use, unclassified); PRP (Properties); USES (Uses)  
 (protease-susceptibility assay identifies detergents that solubilize E.  
 coli MotA/MotB complex while preserving MotA/MotB conformational  
 properties)  
 RN 657393-64-1 CAPLUS  
 CN Ethanaminium, 2-[[[(5-cyclohexylpentyl)oxy]hydroxyphosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)



RN 657393-65-2 CAPLUS  
 CN Ethanaminium, 2-[[[(6-cyclohexylhexyl)oxy]hydroxyphosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)

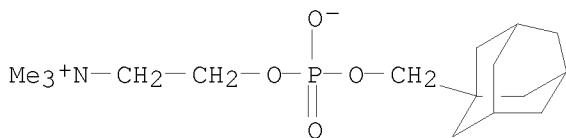


RN 657393-66-3 CAPLUS  
 CN Ethanaminium, 2-[[[(7-cyclohexylheptyl)oxy]hydroxyphosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)

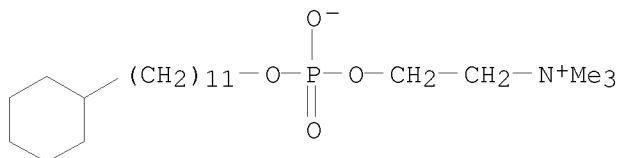


10/531,324

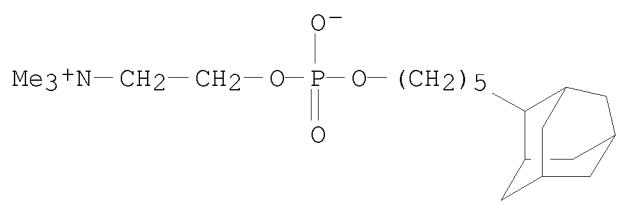
L4 ANSWER 24 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 2003:89920 CAPLUS  
 DN 138:280739  
 TI Antileishmanial Ring-Substituted Ether Phospholipids  
 AU Avlonitis, Nikos; Lekka, Eleni; Detsi, Anastasia; Koufaki, Maria;  
 Calogeropoulou, Theodora; Scoulica, Efi; Siapi, Eleni; Kyrikou, Ioanna;  
 Mavromoustakos, Thomas; Tsotinis, Andrew; Grdadolnik, Simona Golic;  
 Makriyannis, Alexandros  
 CS Institute of Organic and Pharmaceutical Chemistry, National Hellenic  
 Research Foundation, Athens, 11635, Greece  
 SO Journal of Medicinal Chemistry (2003), 46(5), 755-767  
 CODEN: JMCMAR; ISSN: 0022-2623  
 PB American Chemical Society  
 DT Journal  
 LA English  
 OS CASREACT 138:280739  
 IT 503868-17-5P  
 RL: PAC (Pharmacological activity); PRP (Properties); SPN (Synthetic  
 preparation); THU (Therapeutic use); BIOL (Biological study); PREP  
 (Preparation); USES (Uses)  
 (preparation and antileishmanial structure-activity relationship of  
 ring-substituted ether phospholipids)  
 RN 503868-17-5 CAPLUS  
 CN Ethanaminium, 2-[[hydroxy(tricyclo[3.3.1.13,7]dec-1-  
 ylmethoxy)phosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)



IT 503868-27-7P 503868-28-8P 503868-29-9P  
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU  
 (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES  
 (Uses)  
 (preparation and antileishmanial structure-activity relationship of  
 ring-substituted ether phospholipids)  
 RN 503868-27-7 CAPLUS  
 CN Ethanaminium, 2-[[[(11-cyclohexylundecyl)oxy]hydroxyphosphinyl]oxy]-N,N,N-  
 trimethyl-, inner salt (CA INDEX NAME)

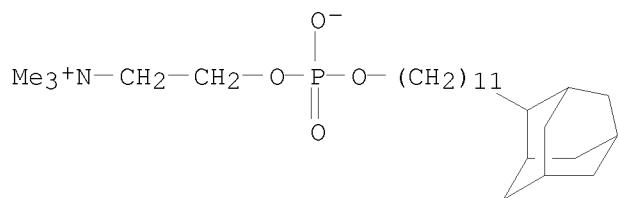


RN 503868-28-8 CAPLUS  
 CN Ethanaminium, 2-[[hydroxy[(5-tricyclo[3.3.1.13,7]dec-2-  
 ylpentyl)oxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)



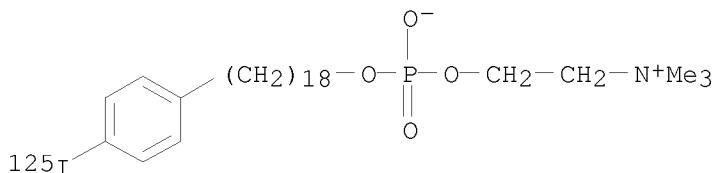
RN 503868-29-9 CAPLUS

CN Ethanaminium, 2-[hydroxy[11-tricyclo[3.3.1.13,7]dec-2-ylundecyl]oxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)

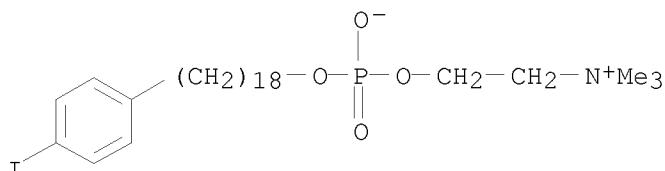


RE.CNT 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 25 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 2000:902403 CAPLUS  
 DN 135:73442  
 TI Synthesis and evaluation of a radioiodinated phospholipid ether analog (NM-404) for diagnostic imaging of prostate cancer  
 AU Counsell, R. E.; Longino, M. A.; Pinchuk, A. N.; Skinner, R. W. S.; Fisher, S. J.; Van-Dort, M. E.; Pienta, K. J.; Wahl, R. L.  
 CS Departments of Internal Medicine, Pharmacology, Radiology and Surgery, The University of Michigan Medical School, Ann Arbor, MI, 48109, USA  
 SO Isotope Production and Applications in the 21st Century, Proceedings of the International Conference on Isotopes, 3rd, Vancouver, BC, Canada, Sept. 6-10, 1999 (2000), Meeting Date 1999, 163-166. Editor(s): Stevenson, Nigel R. Publisher: World Scientific Publishing Co. Pte. Ltd., Singapore, Singapore.  
 CODEN: 69ATWE  
 DT Conference  
 LA English  
 IT 208986-35-0P  
 RL: BPR (Biological process); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); PROC (Process); USES (Uses)  
 (synthesis and evaluation of radioiodinated phospholipid ether analog for diagnostic imaging of prostate cancer)  
 RN 208986-35-0 CAPLUS  
 CN Ethanaminium, 2-[hydroxy[18-[4-(iodo-125I)phenyl]octadecyl]oxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)



IT 208986-26-9P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (synthesis and evaluation of radioiodinated phospholipid ether analog for diagnostic imaging of prostate cancer)  
 RN 208986-26-9 CAPLUS  
 CN Ethanaminium, 2-[hydroxy[18-(4-iodophenyl)octadecyl]oxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)



L4 ANSWER 26 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 1999:460409 CAPLUS  
 DN 131:87805  
 TI Preparation of amprenavir prodrugs as HIV protease inhibitors  
 IN Tung, Roger D.; Hale, Michael R.; Baker, Christopher T.; Furfine, Eric  
 Steven; Kaldor, Istvan; Kazmierski, Wieslaw Wieczyslaw; Spaltenstein,  
 Andrew  
 PA Vertex Pharmaceuticals Incorporated, USA  
 SO PCT Int. Appl., 110 pp.  
 CODEN: PIXXD2

DT Patent

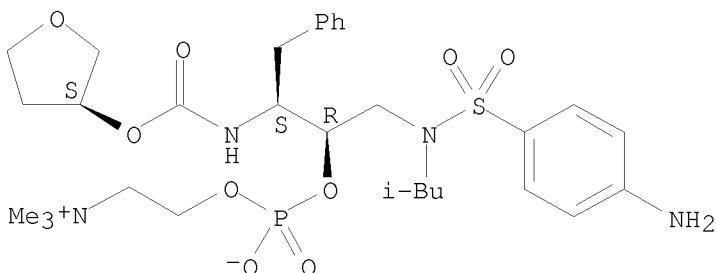
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9933815	A1	19990708	WO 1998-US4595	19980309
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW				
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	US 6436989	B1	20020820	US 1997-998050	19971224
	AU 9865466	A	19990719	AU 1998-65466	19980309
	AU 755087	B2	20021205		
	TR 200002615	T2	20010122	TR 2000-2615	19980309
	BR 9814480	A	20010925	BR 1998-14480	19980309
	EE 200000385	A	20011217	EE 2000-385	19980309
	EE 4466	B1	20050415		
	HU 2001001831	A2	20020429	HU 2001-1831	19980309
	HU 2001001831	A3	20020828		
	AP 1172	A	20030630	AP 2000-1850	19980309
	W: GH, GM, KE, LS, MW, SD, SZ, UG, ZW				
	NZ 505776	A	20030630	NZ 1998-505776	19980309
	IL 136941	A	20060611	IL 1998-136941	19980309
	CA 2231700	C	19990624	CA 1998-2231700	19980310
	CA 2231700	A1	19990624		
	JP 11209337	A	19990803	JP 1998-58705	19980310
	JP 3736964	B2	20060118		
	EP 933372	A1	19990804	EP 1998-104292	19980310
	EP 933372	B1	20071226		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, AL, MK				
	AT 382042	T	20080115	AT 1998-104292	19980310
	ES 2299193	T3	20080516	ES 1998-104292	19980310
	EP 1944300	A2	20080716	EP 2007-24817	19980310
	EP 1944300	A3	20081105		
	R: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE, AL, LT, LV, MK, RO, SI				
	TW 486474	B	20020511	TW 1998-87121460	19981222
	ZA 9811830	A	20000623	ZA 1998-11830	19981223
	IN 1998CA02210	A	20051014	IN 1998-CA2210	19981223
	HK 1021737	A1	20080718	HK 2000-100695	20000203
	NO 2000003304	A	20000821	NO 2000-3304	20000623
	NO 326265	B1	20081027		
	MX 2000006315	A	20010219	MX 2000-6315	20000623
	US 6559137	B1	20030506	US 2000-602494	20000623
	BG 104631	A	20010228	BG 2000-104631	20000724

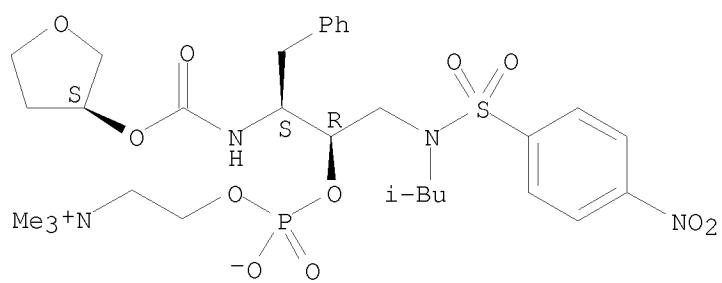
BG 64869	B1 20060731	US 2003-370171	20030219
US 20030207871	A1 20031106		
US 6838474	B2 20050104		
US 20050148548	A1 20050707	US 2004-958223	20041004
JP 2005350478	A 20051222	JP 2005-205007	20050713
IN 2007KO00214	A 20080822	IN 2007-KO214	20070209
PRAI US 1997-998050	A2 19971224		
WO 1998-US4595	W 19980309		
EP 1998-104292	A3 19980310		
JP 1998-58705	A3 19980310		
IN 1998-CA2210	A3 19981223		
US 2000-602494	A3 20000623		
US 2003-370171	A3 20030219		
OS MARPAT 131:87805			
IT 229495-74-3P			
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of amprenavir prodrugs as HIV protease inhibitors)			
RN 229495-74-3 CAPLUS			
CN 3,5-Dioxa-8-aza-4-phosphanonan-1-aminium, 6-[[[(4-aminophenyl)sulfonyl](2-methylpropyl)amino]methyl]-4-hydroxy-N,N,N-trimethyl-9-oxo-7-(phenylmethyl)-9-[(3S)-tetrahydro-2-furanyl]oxy]-, inner salt, 4-oxide, (6R,7S)-(9CI) (CA INDEX NAME)			

Absolute stereochemistry.



IT 229495-97-0P	RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (preparation of amprenavir prodrugs as HIV protease inhibitors)
RN 229495-97-0 CAPLUS	
CN 3,5-Dioxa-8-aza-4-phosphanonan-1-aminium, 4-hydroxy-N,N,N-trimethyl-6-[(2-methylpropyl)[(4-nitrophenyl)sulfonyl]amino]methyl]-8-oxo-7-(phenylmethyl)-9-[(3S)-tetrahydro-3-furanyl]oxy]-, inner salt, 4-oxide, (6R,7S)-(9CI) (CA INDEX NAME)	

Absolute stereochemistry.



RE.CNT 1

THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 27 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 1999:460393 CAPLUS  
 DN 131:87804

TI Preparation of 1,3-diacylamino-2-acyloxypropanes as prodrugs of aspartyl protease inhibitors.

IN Hale, Michael R.; Tung, Roger D.; Baker, Christopher T.; Spaltenstein, Andrew; Furfine, Eric Steven; Kaldor, Istvan; Kazmierski, Wieslaw Mieczyslaw

PA Vertex Pharmaceuticals Incorporated, USA

SO PCT Int. Appl., 86 pp.

CODEN: PIXXD2

DT Patent

LA English

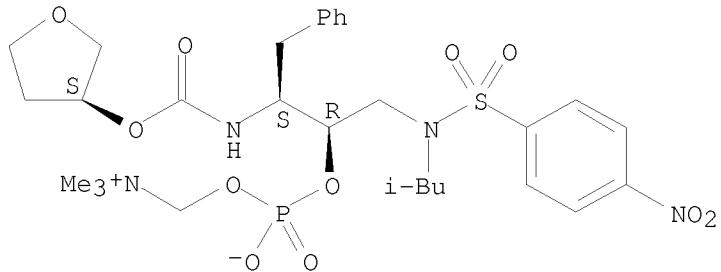
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9933793	A2	19990708	WO 1998-US27424	19981223
	WO 9933793	A3	19990910		
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW				
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	CA 2316218	A1	19990708	CA 1998-2316218	19981223
	AU 9920925	A	19990719	AU 1999-20925	19981223
	BR 9814484	A	20001010	BR 1998-14484	19981223
	EP 1042280	A2	20001011	EP 1998-965466	19981223
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	TR 200002402	T2	20010122	TR 2000-2402	19981223
	EE 200000386	A	20011217	EE 2000-386	19981223
	JP 2001527062	T	20011225	JP 2000-526477	19981223
	HU 2001001598	A2	20020429	HU 2001-1598	19981223
	HU 2001001598	A3	20020828		
	CN 1110492	C	20030604	CN 1998-813313	19981223
	MX 2000006316	A	20010219	MX 2000-6316	20000623
	NO 2000003332	A	20000818	NO 2000-3332	20000626
	IN 2000KN00131	A	20050311	IN 2000-KN131	20000713
	HR 2000000499	A1	20010430	HR 2000-499	20000724
	US 20020082249	A1	20020627	US 2001-998617	20011130
	US 20030144217	A1	20030731	US 2002-226430	20020821
PRAI	US 1997-68889P	P	19971224		
	WO 1998-US27424	W	19981223		
	US 2000-602984	A1	20000623		
	US 2001-998617	B1	20011130		
OS	MARPAT 131:87804				
IT	229956-54-1P 229956-55-2P				
	RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)				
	(preparation of 1,3-diacylamino-2-acyloxypropanes as prodrugs of aspartyl protease inhibitors)				
RN	229956-54-1 CAPLUS				
CN	2,4-Dioxa-7-aza-3-phosphoactan-1-aminium, 3-hydroxy-N,N,N-trimethyl-5-[(2-methylpropyl)[(4-nitrophenyl)sulfonyl]amino]methyl]-8-oxo-6-(phenylmethyl)-8-[(3S)-tetrahydro-3-furanyl]oxy]-, inner salt, 3-oxide, (5R,6S)-(9CI) (CA INDEX				

10/531, 324

NAME)

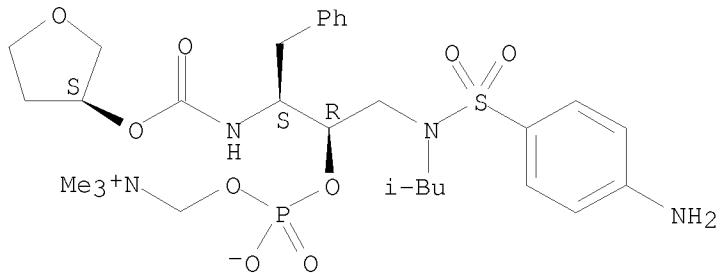
Absolute stereochemistry.



RN 229956-55-2 CAPLUS

CN 2,4-Dioxa-7-aza-3-phosphaoctan-1-aminium,  
5-[[[(4-aminophenyl)sulfonyl](2-methylpropyl)amino]methyl]-3-hydroxy-N,N,N-trimethyl-8-oxo-6-(phenylmethyl)-8-[(3S)-tetrahydro-3-furanyl]oxy]-, inner salt, 3-oxide, (5R,6S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RE.CNT 3

THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 28 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 1999:460392 CAPLUS  
 DN 131:87803

TI Preparation of 1,3-diacylamino-2-acyloxypropanes as prodrugs of aspartyl protease inhibitors.

IN Hale, Michael R.; Tung, Roger D.; Baker, Christopher T.; Spaltenstein, Andrew; Furfine, Eric Steven; Kaldor, Istvan; Kazmierski, Wieslaw Mieczyslaw

PA Vertex Pharmaceuticals Incorporated, USA

SO PCT Int. Appl., 109 pp.

CODEN: PIXXD2

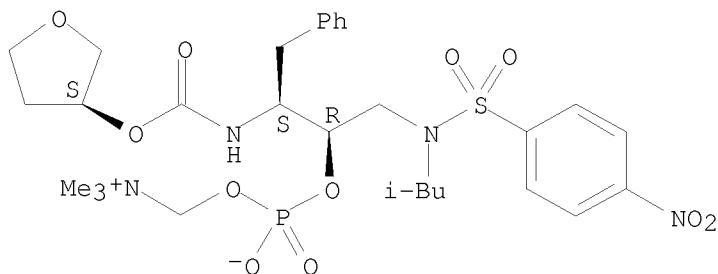
DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9933792	A2	19990708	WO 1998-US27403	19981223
	WO 9933792	A3	19990916		
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
PRAI	AU 9920102	A	19990719	AU 1999-20102	19981223
PRAI	US 1997-68806P	P	19971224		
	WO 1998-US27403	W	19981223		
OS	MARPAT 131:87803				
IT	229956-54-1P 229956-55-2P				
	RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)				
	(preparation of 1,3-diacylamino-2-acyloxypropanes as prodrugs of aspartyl protease inhibitors)				
RN	229956-54-1 CAPLUS				
CN	2,4-Dioxa-7-aza-3-phosphaoctan-1-aminium, 3-hydroxy-N,N,N-trimethyl-5-[(2-methylpropyl)[(4-nitrophenyl)sulfonyl]amino]methyl]-8-oxo-6-(phenylmethyl)-8-[(3S)-tetrahydro-3-furanyl]oxy]-, inner salt, 3-oxide, (5R,6S)-(9CI) (CA INDEX NAME)				

Absolute stereochemistry.



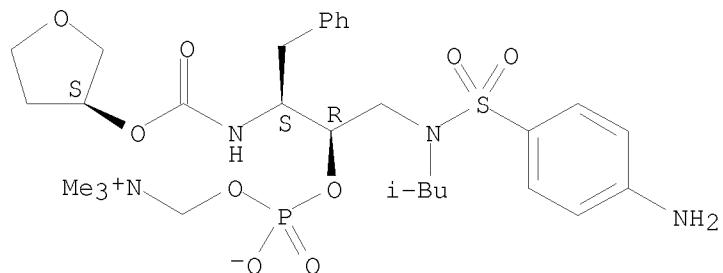
RN 229956-55-2 CAPLUS

CN 2,4-Dioxa-7-aza-3-phosphaoctan-1-aminium,  
5-[(4-aminophenyl)sulfonyl](2-methylpropyl)amino)methyl]-3-hydroxy-N,N-

10/531,324

trimethyl-8-oxo-6-(phenylmethyl)-8-[(3S)-tetrahydro-3-furanyl]oxy]-,  
inner salt, 3-oxide, (5R,6S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



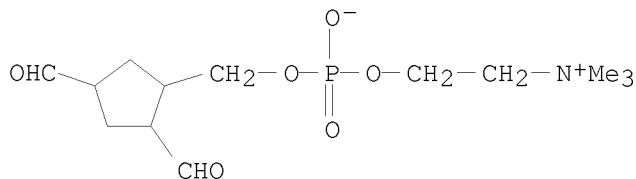
RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 29 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 1998:806705 CAPLUS  
 DN 130:53931  
 TI Zwitterionic compounds to crosslink collagenous materials  
 IN Freeman, Richard Neil Templar; Leppard, Simon William; Russell, Jeremy Colin  
 PA Biocompatibles Ltd., UK  
 SO PCT Int. Appl., 38 pp.  
 CODEN: PIXXD2

DT Patent  
 LA English

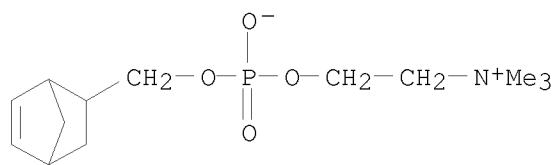
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 98555533	A1	19981210	WO 1998-GB1646	19980604
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	AU 9877814	A	19981221	AU 1998-77814	19980604
	ZA 9804836	A	19990604	ZA 1998-4836	19980604
PRAI	EP 1997-303853	A	19970604		
	WO 1998-GB1646	W	19980604		
OS	MARPAT 130:53931				
IT	217459-62-6P				
	RL: IMF (Industrial manufacture); MOA (Modifier or additive use); PREP (Preparation); USES (Uses) (manufacture of zwitterionic phosphate compound as crosslinking agents for collagenous materials)				
RN	217459-62-6 CAPLUS				
CN	Ethanaminium, 2-[[[(2,4-diformylcyclopentyl)methoxy]hydroxyphosphinyl]oxy]- N,N,N-trimethyl-, inner salt (CA INDEX NAME)				



IT	217313-65-0P
	RL: IMF (Industrial manufacture); RCT (Reactant); PREP (Preparation); RACT (Reactant or reagent) (oxidation; manufacture of zwitterionic phosphate compound as crosslinking agents for collagenous materials)
RN	217313-65-0 CAPLUS
CN	Ethanaminium, 2-[(bicyclo[2.2.1]hept-5-en-2- ylmethoxy)hydroxyphosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)

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RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

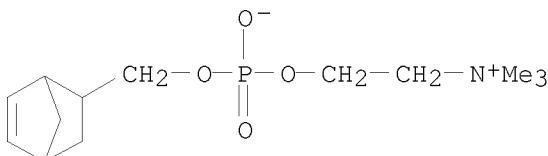
L4 ANSWER 30 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 1998:806664 CAPLUS  
 DN 130:52580  
 TI Preparation of phosphoryl choline derivative phosphate compounds  
 IN Freeman, Richard Neil Templar; Leppard, Simon William; Russell, Jeremy Colin  
 PA Biocompatibles Ltd., UK  
 SO PCT Int. Appl., 30 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9855487	A1	19981210	WO 1998-GB1644	19980604
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	AU 9877812	A	19981221	AU 1998-77812	19980604
	ZA 9804837	A	19990604	ZA 1998-4837	19980604
PRAI	EP 1997-303847	A	19970604		
	WO 1998-GB1644	W	19980604		
OS	CASREACT 130:52580; MARPAT 130:52580				
IT	217313-68-3P				
	RL: SPN (Synthetic preparation); PREP (Preparation) (copolymn. of cyclopentene with norbornene and terpolymn. with phosphoryl choline derivative)				
RN	217313-68-3 CAPLUS				
CN	Ethanaminium, 2-[(bicyclo[2.2.1]hept-5-en-2-ylmethoxy)hydroxyphosphinyl]oxy]-N,N,N-trimethyl-, inner salt, polymer with cyclopentene (9CI) (CA INDEX NAME)				

CM 1

CRN 217313-65-0

CMF C13 H24 N O4 P



CM 2

CRN 142-29-0

CMF C5 H8

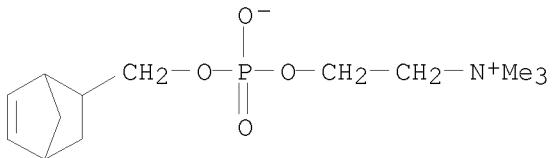


IT 217313-65-0P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (preparation of phosphoryl choline derivative phosphate compds.)

RN 217313-65-0 CAPLUS

CN Ethanaminium, 2-[[(bicyclo[2.2.1]hept-5-en-2-ylmethoxy)hydroxymethyl]oxy]-N,N-trimethyl-, inner salt (CA INDEX NAME)



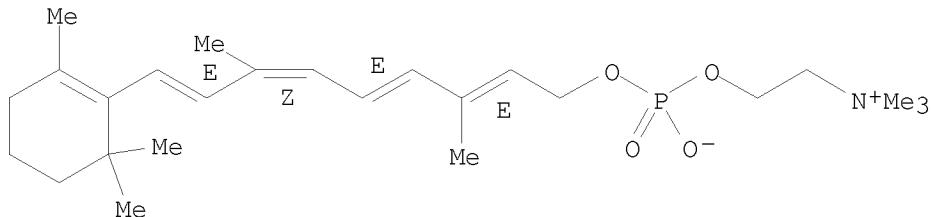
RE.CNT 6

THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 31 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 1998:457255 CAPLUS  
 DN 129:113533  
 OREF 129:23203a,23206a  
 TI Pharmaceutical compositions containing phosphocholines of retinoids  
 IN Peterson, Andrew C.; Nair, Haridasan K.  
 PA Clarion Pharmaceuticals Inc., USA  
 SO U.S., 10 pp.  
 CODEN: USXXAM  
 DT Patent  
 LA English  
 FAN.CNT 1

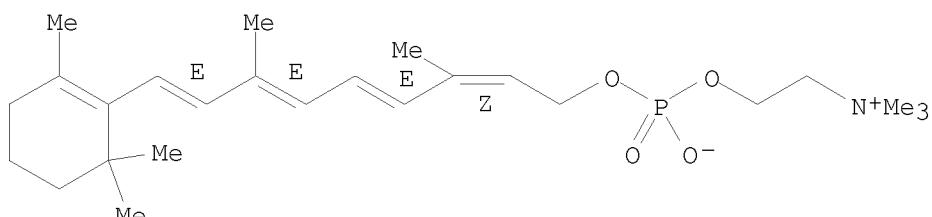
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5776915	A	19980707	US 1997-910191	19970812
	WO 9907714	A1	19990218	WO 1998-US13940	19980706
	W: AU, CA, JP, KR, NZ RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	AU 9882892	A	19990301	AU 1998-82892	19980706
PRAI	US 1997-910191	A	19970812		
	WO 1998-US13940	W	19980706		
OS	MARPAT 129:113533				
IT	209967-28-2 209967-29-3 209967-30-6 209967-31-7				
	RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses) (pharmaceutical compns. containing phosphocholines of retinoids)				
RN	209967-28-2 CAPLUS				
CN	Retinol, 2-(trimethylammonio)ethyl hydrogen phosphate, inner salt, 9-cis-(9CI) (CA INDEX NAME)				

Double bond geometry as shown.



RN 209967-29-3 CAPLUS  
 CN Retinol, 2-(trimethylammonio)ethyl hydrogen phosphate, inner salt, 13-cis-(9CI) (CA INDEX NAME)

Double bond geometry as shown.

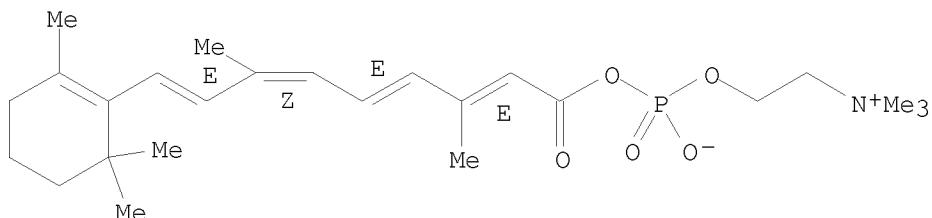


10/531,324

RN 209967-30-6 CAPLUS

CN Retinoic acid, anhydride with 2-(trimethylammonio)ethyl hydrogen phosphate, inner salt, 9-cis- (9CI) (CA INDEX NAME)

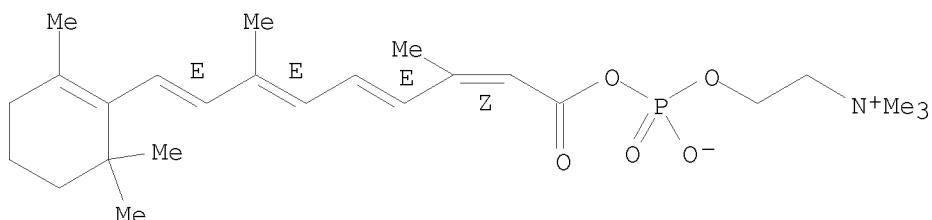
Double bond geometry as shown.



RN 209967-31-7 CAPLUS

CN Retinoic acid, anhydride with 2-(trimethylammonio)ethyl hydrogen phosphate, inner salt, 13-cis- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



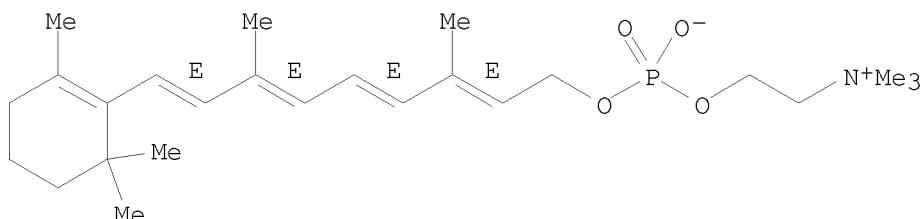
IT 209967-26-0P

RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(pharmaceutical compns. containing phosphocholines of retinoids)

RN 209967-26-0 CAPLUS

CN Retinol, 2-(trimethylammonio)ethyl hydrogen phosphate, inner salt (9CI)  
(CA INDEX NAME)

Double bond geometry as shown.



RE.CNT 17

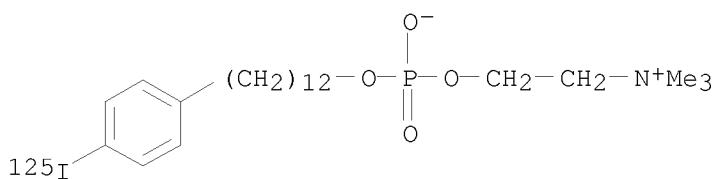
THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 32 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 1998:394247 CAPLUS  
 DN 129:64975  
 OREF 129:13429a,13432a  
 TI Radioiodinated phospholipid ether analogs and methods of using the same  
 IN Counsell, Raymond E.; Longino, Marc A.; Pinchuk, Anatoly N.; Rampy, Mark  
 A.; Weichert, Jamey P.  
 PA Regents of the University of Michigan, USA; Counsell, Raymond E.; Longino,  
 Marc A.; Pinchuk, Anatoly N.; Rampy, Mark A.; Weichert, Jamey P.  
 SO PCT Int. Appl., 33 pp.  
 CODEN: PIXXD2

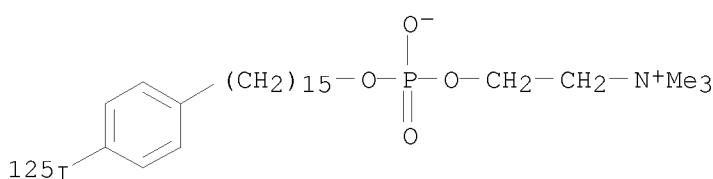
DT Patent  
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9824480 W: CA, JP, US CA 2276284 CA 2276284 US 6255519 US 20020065429 US 6417384	A1 A1 C B1 A1 B2	19980611 19980611 20061010 20010703 20020530 20020709	WO 1996-US19352 CA 1996-2276284 US 1999-319406 US 2001-898178	19961204 19961204 19990920 20010703
PRAI	WO 1996-US19352 US 1999-319406	A A3	19961204 19990920		
OS	MARPAT 129:64975				
IT	167635-02-1P 208986-34-9P 208986-35-0P				
	RL: BPR (Biological process); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); PROC (Process); USES (Uses) (preparation and biodistribution and structure activity of radioiodinated phospholipid ether analogs for tumor therapy and imaging)				
RN	167635-02-1 CAPLUS				
CN	Ethanaminium, 2-[hydroxy[[12-[4-(iodo- 125I)phenyl]dodecyl]oxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt (9CI) (CA INDEX NAME)				



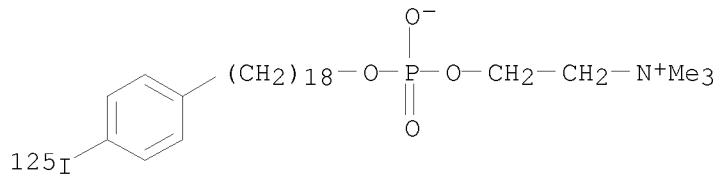
RN 208986-34-9 CAPLUS  
 CN Ethanaminium, 2-[hydroxy[[15-[4-(iodo-  
125I)phenyl]pentadecyl]oxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt  
(9CI) (CA INDEX NAME)



10/531,324

RN 208986-35-0 CAPLUS

CN Ethanaminium, 2-[hydroxy[ [18-[4-(iodo-  
125I)phenyl]octadecyl]oxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt  
(CA INDEX NAME)

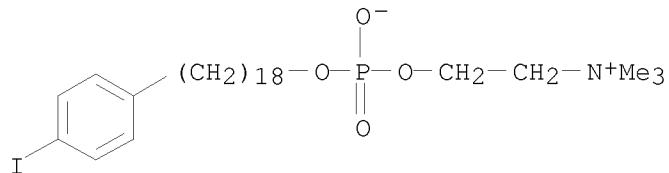


IT 208986-26-9P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)  
(preparation and biodistribution and structure activity of radioiodinated  
phospholipid ether analogs for tumor therapy and imaging)

RN 208986-26-9 CAPLUS

CN Ethanaminium, 2-[hydroxy[ [18-(4-iodophenyl)octadecyl]oxy]phosphinyl]oxy]-  
N,N,N-trimethyl-, inner salt (CA INDEX NAME)



RE.CNT 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

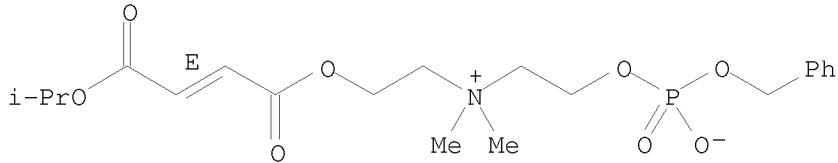
L4 ANSWER 33 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 1997:283756 CAPLUS  
 DN 126:264463  
 OREF 126:51227a,51230a  
 TI Fumaric acid derivatives having phospholipidlike structures and polymers thereof for medical goods, biosensors, cosmetics, etc.  
 IN Oishi, Tsutomu; Hayashi, Akio; Kadoma, Yoshihito  
 PA NOF Corporation, Japan  
 SO PCT Int. Appl., 54 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA Japanese  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9708177	A1	19970306	WO 1995-JP1738	19950831
	W: JP, US RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	EP 790252	A1	19970820	EP 1995-930022	19950831
	R: BE, CH, DE, FR, GB, IT, LI, NL				
	JP 3834824	B2	20061018	JP 1997-510093	19950831
	US 5723558	A	19980303	US 1997-817629	19970327
PRAI	WO 1995-JP1738	W	19950831		
OS	MARPAT 126:264463				
IT	188777-10-8P 188777-11-9P 188777-12-0P 188777-13-1P				
	RL: IMF (Industrial manufacture); PRP (Properties); PREP (Preparation) (fumaric acid derivs. having phospholipidlike structures and polymers thereof for medical goods and biosensors and cosmetics)				
RN	188777-10-8 CAPLUS				
CN	Ethanaminium, 2-[hydroxy(phenylmethoxy)phosphinyl]oxy-N,N-dimethyl-N-[2-[(4-(1-methylethoxy)-1,4-dioxo-2-butenyl)oxy]ethyl]-, inner salt, (E)-, homopolymer (9CI) (CA INDEX NAME)				

CM 1

CRN 188777-06-2  
 CMF C20 H30 N O8 P

Double bond geometry as shown.

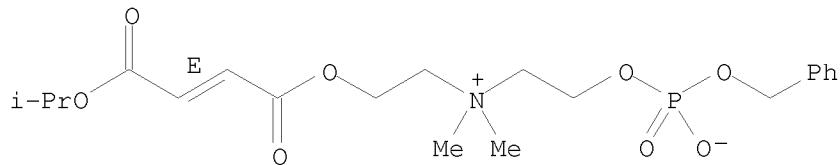


RN 188777-11-9 CAPLUS  
 CN Ethanaminium, 2-[hydroxy(phenylmethoxy)phosphinyl]oxy-N,N-dimethyl-N-[2-[(4-(1-methylethoxy)-1,4-dioxo-2-butenyl)oxy]ethyl]-, inner salt, (E)-, polymer with ethenylbenzene (9CI) (CA INDEX NAME)

CM 1

CRN 188777-06-2  
 CMF C20 H30 N O8 P

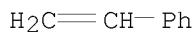
Double bond geometry as shown.



CM 2

CRN 100-42-5

CMF C8 H8



RN 188777-12-0 CAPLUS

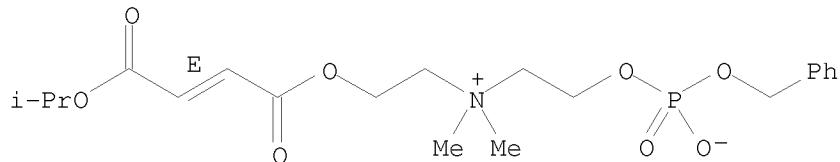
CN Ethanaminium, 2-[hydroxy(phenylmethoxy)phosphinyl]oxy]-N,N-dimethyl-N-[2-[(4-(1-methylethoxy)-1,4-dioxo-2-but enyl)oxy]ethyl]-, inner salt, (E)-, polymer with methyl 2-methyl-2-propenoate (9CI) (CA INDEX NAME)

CM 1

CRN 188777-06-2

CMF C20 H30 N O8 P

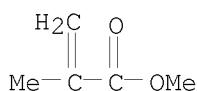
Double bond geometry as shown.



CM 2

CRN 80-62-6

CMF C5 H8 O2



RN 188777-13-1 CAPLUS

CN Ethanaminium, 2-[hydroxy(phenylmethoxy)phosphinyl]oxy]-N,N-dimethyl-N-[2-[(4-(1-methylethoxy)-1,4-dioxo-2-but enyl)oxy]ethyl]-, inner salt, (E)-, polymer with butyl 2-methyl-2-propenoate (9CI) (CA INDEX NAME)

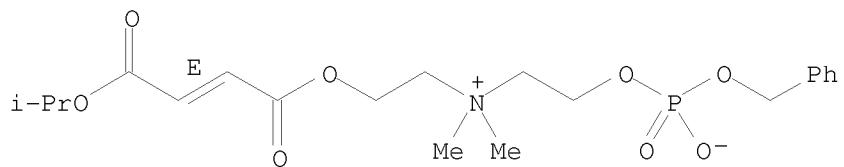
CM 1

CRN 188777-06-2

CMF C20 H30 N O8 P

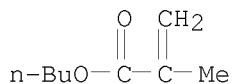
10/531,324

Double bond geometry as shown.



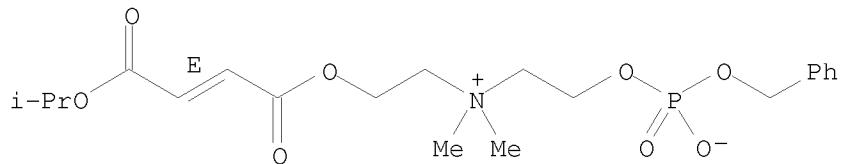
CM 2

CRN 97-88-1  
CMF C8 H14 O2



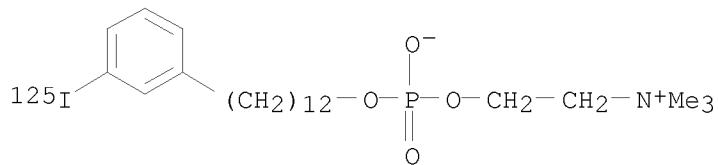
IT 188777-06-2P  
RL: IMF (Industrial manufacture); RCT (Reactant); PREP (Preparation); RACT (Reactant or reagent)  
(fumaric acid derivs. having phospholipidlike structures and polymers thereof for medical goods and biosensors and cosmetics)  
RN 188777-06-2 CAPLUS  
CN Ethanaminium, 2-[hydroxy(phenylmethoxy)phosphinyl]oxy]-N,N-dimethyl-N-[2-[(2E)-4-(1-methylethoxy)-1,4-dioxo-2-buten-1-yl]oxy]ethyl-, inner salt (CA INDEX NAME)

Double bond geometry as shown.

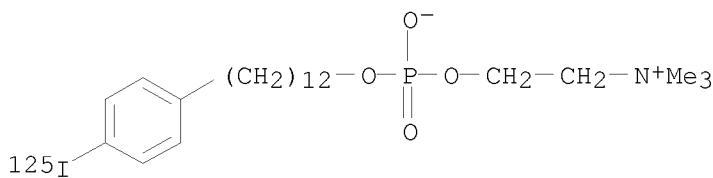


RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

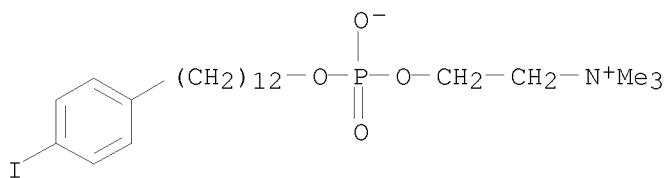
L4 ANSWER 34 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 1996:599543 CAPLUS  
 DN 125:269374  
 OREF 125:50193a,50196a  
 TI Biological disposition and imaging of a radioiodinated alkylphosphocholine in two rodent models of breast cancer  
 AU Rampy, Mark A.; Brown, Raya S.; Pinchuk, Anatoly N.; Weichert, Jamey P.; Skinner, R. W. Scott; Fisher, Susan J.; Wahl, Richard L.; Gross, Milton D.; Ethier, Stephen P.; Counsell, Raymond E.  
 CS Medical School, University Michigan, Ann Arbor, MI, 48109-0632, USA  
 SO Journal of Nuclear Medicine (1996), 37(9), 1540-1545  
 CODEN: JNMEAQ; ISSN: 0161-5505  
 PB Society of Nuclear Medicine  
 DT Journal  
 LA English  
 IT 144796-42-9, 125I-12-(m-Iodophenyl)dodecylphosphocholine  
 RL: BPR (Biological process); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses)  
 ([125I]iodophenyldodecylphosphocholine NM-324 biodistribution and scintigraphy of breast cancer in rodent models)  
 RN 144796-42-9 CAPLUS  
 CN Ethanaminium, 2-[hydroxy[12-[3-(iodo-125I)phenyl]dodecyl]oxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)



L4 ANSWER 35 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 1995:702529 CAPLUS  
 DN 123:192504  
 OREF 123:34153a,34156a  
 TI Synthesis and biological evaluation of radioiodinated phospholipid ether analogs  
 AU Rampy, M. A.; Chou, T. S.; Pinchuk, A. N.; Skinner, R. W. S.; Gross, M. D.; Fisher, S.; Wahl, R.; Counsell, R. E.  
 CS Medical School, University of Michigan, Ann Arbor, MI, 48109-0632, USA  
 SO Nuclear Medicine and Biology (1995), 22(4), 505-12  
 CODEN: NMBIEO; ISSN: 0883-2897  
 DT Journal  
 LA English  
 IT 167635-02-1P  
 RL: BPR (Biological process); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); PROC (Process); USES (Uses)  
 (synthesis, biodistribution and tumor uptake of radioiodinated phospholipid ether analogs)  
 RN 167635-02-1 CAPLUS  
 CN Ethanaminium, 2-[hydroxy[12-[4-(iodo-  
 125I)phenyl]dodecyl]oxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt (9CI)  
 (CA INDEX NAME)



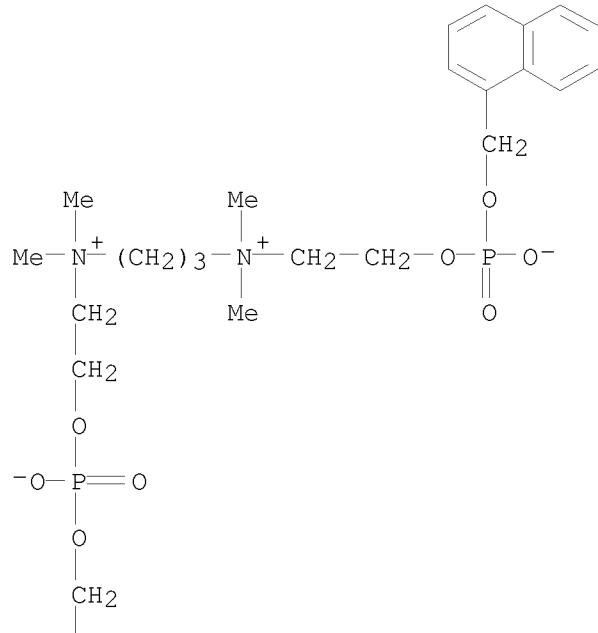
IT 167634-95-9P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (synthesis, biodistribution and tumor uptake of radioiodinated phospholipid ether analogs)  
 RN 167634-95-9 CAPLUS  
 CN Ethanaminium, 2-[hydroxy[12-(4-iodophenyl)dodecyl]oxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)



L4 ANSWER 36 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 1995:363988 CAPLUS  
 DN 122:142513  
 OREF 122:26311a,26314a  
 TI preparation of phospholipid surfactants for manufacturing pharmaceutical liposomes  
 IN Watanabe, Noribumi  
 PA Toyo Ink Mfg Co, Japan  
 SO Jpn. Kokai Tokkyo Koho, 8 pp.  
 CODEN: JKXXAF  
 DT Patent  
 LA Japanese  
 FAN.CNT 1

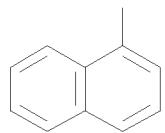
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 06157560	A	19940603	JP 1992-339685	19921126
PRAI JP 1992-339685		19921126		
OS MARPAT 122:142513				
IT 161029-33-0P				
RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of phospholipid surfactants for manufacturing pharmaceutical liposomes)				
RN 161029-33-0	CAPLUS			
CN 1,3-Propanediaminium, N1,N3-bis[2-[hydroxy(1-naphthalenylmethoxy)phosphinyl]oxy]ethyl]-N1,N1,N3,N3-tetramethyl-, bis(inner salt) (CA INDEX NAME)				

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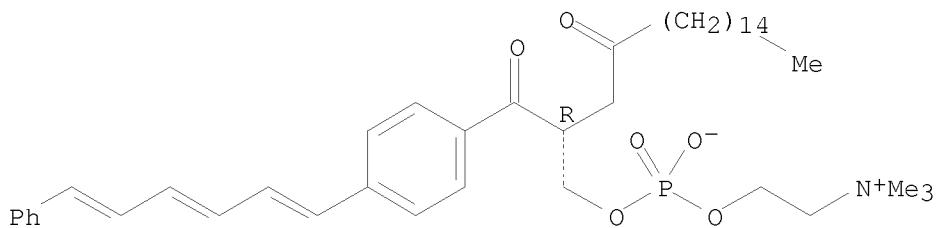
10/531,324

PAGE 2-A



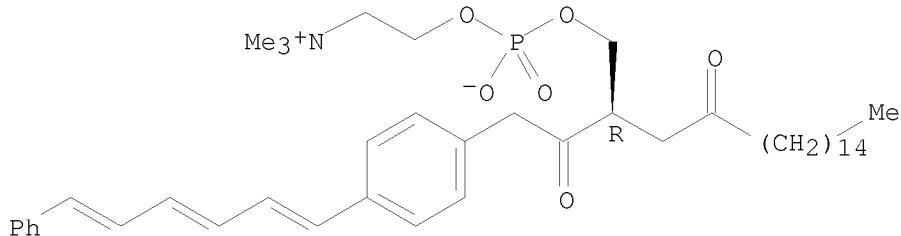
L4 ANSWER 37 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 1994:264165 CAPLUS  
 DN 120:264165  
 OREF 120:46621a,46624a  
 TI Fluorescence dynamics of diphenyl-1,3,5-hexatriene-labeled phospholipids in bilayer membranes  
 AU Pap, E. H. W.; ter Horst, J. J.; van Hoek, A.; Visser, A. J. W. G.  
 CS Dep. Biochem., Agric. Univ., Wageningen, 6703 HA, Neth.  
 SO Biophysical Chemistry (1994), 48(3), 337-51  
 CODEN: BICIAZ; ISSN: 0301-4622  
 DT Journal  
 LA English  
 IT 154592-17-3 154592-18-4 154592-19-5  
 RL: BIOL (Biological study)  
 (fluorescence properties and anisotropic behavior of, in phospholipid membranes, probe orientation in relation to)  
 RN 154592-17-3 CAPLUS  
 CN Ethanaminium, 2-[hydroxy[4-oxo-2-[4-(6-phenyl-1,3,5-hexatrienyl)benzoyl]nonadecyl]oxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt, (R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.  
 Double bond geometry unknown.



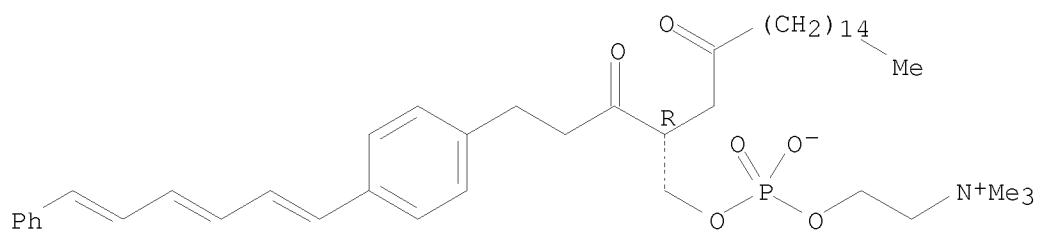
RN 154592-18-4 CAPLUS  
 CN Ethanaminium, 2-[hydroxy[4-oxo-2-[4-(6-phenyl-1,3,5-hexatrienyl)phenyl]acetyl]nonadecyl]oxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt, (R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.  
 Double bond geometry unknown.



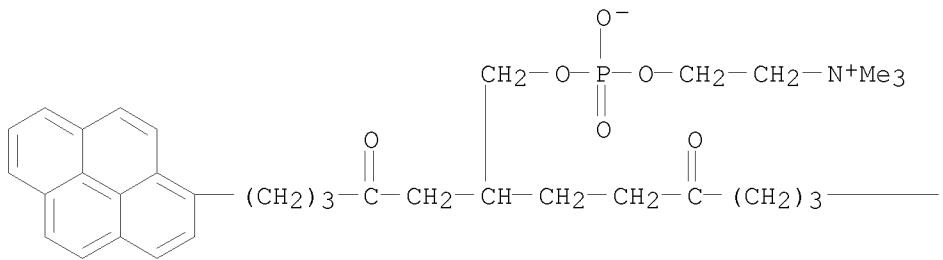
RN 154592-19-5 CAPLUS  
 CN Ethanaminium, 2-[hydroxy[4-oxo-2-[1-oxo-3-[4-(6-phenyl-1,3,5-hexatrienyl)phenyl]propyl]nonadecyl]oxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt, (R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.  
 Double bond geometry unknown.

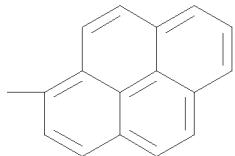


L4 ANSWER 38 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 1993:503848 CAPLUS  
 DN 119:103848  
 OREF 119:18523a,18526a  
 TI Intramolecular excimer fluorescence kinetics of  
     1,2-bis(4-pyrenylbutanoyl)phosphatidylcholine as a probe of molecular  
     organization in spread monolayers at the nitrogen-water interface  
 AU Bohorquez, Maria; Patterson, L. K.  
 CS Radiat. Lab., Univ. Notre Dame., Notre Dame, IN, 46556, USA  
 SO Langmuir (1993), 9(8), 2097-101  
 CODEN: LANGD5; ISSN: 0743-7463  
 DT Journal  
 LA English  
 IT 149111-34-2  
 RL: PRP (Properties)  
     (probe, in determination of mol. organization of lipid monolayers)  
 RN 149111-34-2 CAPLUS  
 CN Ethanaminium, 2-[hydroxy[5-oxo-2-[2-oxo-5-(1-pyrenyl)pentyl]-8-(1-pyrenyl)octyl]oxy]phosphinyl]oxy]-N,N-trimethyl-, inner salt (CA INDEX NAME)

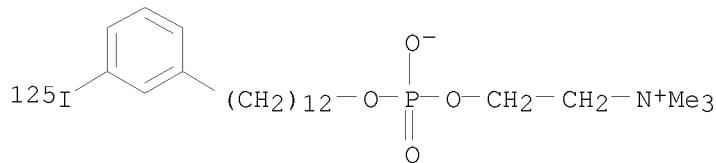
PAGE 1-A



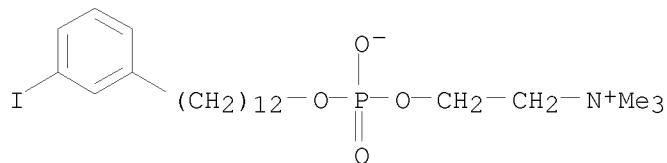
PAGE 1-B



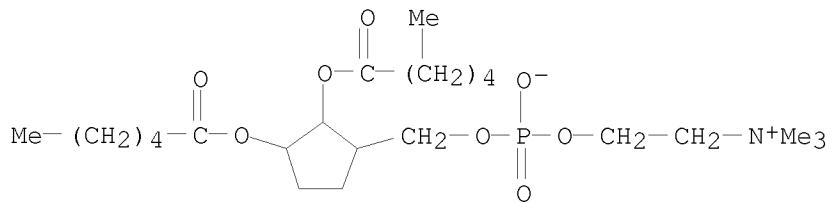
L4 ANSWER 39 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 1993:3087 CAPLUS  
 DN 118:3087  
 OREF 118:667a,670a  
 TI Selective localization of radioiodinated alkylphosphocholine derivatives in tumors  
 AU Plotzke, Kathleen P.; Haradahira, Terushi; Stancato, Louis; Olken, Norman M.; Skinner, Scott; Gross, Milton D.; Wahl, Richard L.; Counsell, Raymond E.  
 CS Dep. Pharmacol., Univ. Michigan, Ann Arbor, MI, 48109, USA  
 SO Nuclear Medicine and Biology (1992), 19(7), 765-73  
 CODEN: NMBIEO; ISSN: 0883-2897  
 DT Journal  
 LA English  
 IT 144796-42-9P, NM 324  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (preparation and metabolism of and scintigraphy with, of tumor)  
 RN 144796-42-9 CAPLUS  
 CN Ethanaminium, 2-[hydroxy[[12-[3-(iodo-  
 125I)phenyl]dodecyl]oxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)



IT 141189-56-2P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
 (Reactant or reagent)  
 (preparation and radioiodination of)  
 RN 141189-56-2 CAPLUS  
 CN Ethanaminium, 2-[hydroxy[[12-(3-iodophenyl)dodecyl]oxy]phosphinyl]oxy]-  
 N,N,N-trimethyl-, inner salt (CA INDEX NAME)



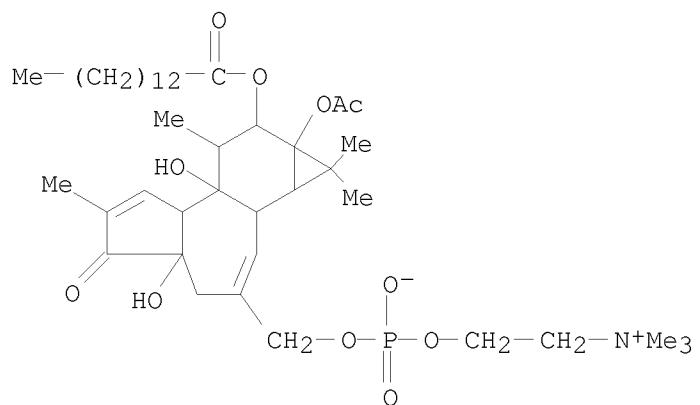
L4 ANSWER 40 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 1992:607879 CAPLUS  
 DN 117:207879  
 OREF 117:35789a,35792a  
 TI Modeling of substrate and inhibitor binding to phospholipase A2  
 AU Sessions, Richard B.; Dauber-Osguthorpe, Pnina; Campbell, Malcolm M.;  
 Osguthorpe, David J.  
 CS Mol. Graphics Unit, Univ. Bath, Bath, BA2 7AY, UK  
 SO Proteins: Structure, Function, and Genetics (1992), 14(1), 45-64  
 CODEN: PSFGEY; ISSN: 0887-3585  
 DT Journal  
 LA English  
 IT 144337-95-1  
 RL: BIOL (Biological study)  
 (phospholipase A2 binding of, mol. modeling study of)  
 RN 144337-95-1 CAPLUS  
 CN Ethanaminium, 2-[[[[2,3-bis[(1-oxohexyl)oxy]cyclopentyl]methoxy]hydroxyphosphinyl]oxy]-N,N,N-trimethyl-,  
 inner salt, [1R-(1 $\alpha$ ,2 $\alpha$ ,3 $\alpha$ )]- (9CI) (CA INDEX NAME)



L4 ANSWER 41 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 1992:490542 CAPLUS  
 DN 117:90542  
 OREF 117:15817a,15820a  
 TI Preparation of phorbol derivatives and related compounds as protein kinase C modulators with antiinflammatory and antiviral activity  
 IN Driedger, Paul E.; Quick, James  
 PA Alder Research Center, L. P., USA  
 SO PCT Int. Appl., 178 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 13

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9202484 W: JP RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE US 5145842 EP 553107 EP 553107	A1 A A1 B1	19920220 19920908 19930804 19990929	WO 1991-US5406 US 1990-559701 EP 1991-915928	19910730 19900730 19910730
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE JP 05509327 AT 185133 JP 08268961	T T A	19931222 19991015 19961015	JP 1991-514747 AT 1991-915928 JP 1996-69274	19910730 19910730 19960228
PRAI	US 1990-559296 US 1990-559701 US 1991-664396 US 1991-664397 US 1986-872812 JP 1987-503773 US 1987-61299 US 1989-322881 WO 1991-US5406	A A A A B2 19870610 B3 B2 W	19900730 19900730 19910304 19910304 19860611 19870610 19870610 19890313 19910730		
IT	142526-29-2P			RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)	
				(preparation of, as protein kinase C modulator with antiinflammatory and antiviral activity)	
RN	142526-29-2 CAPLUS				
CN	Ethanaminium, 2-[[[[9a-(acetyloxy)-1a,1b,4,4a,5,7a,7b,8,9,9a-decahydro-4a,7b-dihydroxy-1,1,6,8-tetramethyl-5-oxo-9-[(1-oxotetradecyl)oxy]-1H-cyclopropa[3,4]benz[1,2-e]azulen-3-yl]methoxy]hydroxyphosphinyl]oxy]-N,N,N-trimethyl-, inner salt, [1aR-(1a $\alpha$ ,1b $\beta$ ,4a $\beta$ ,7a $\alpha$ ,7b $\alpha$ ,8 $\alpha$ ,9 $\beta$ ,9a.alpha.)]- (9CI) (CA INDEX NAME)				

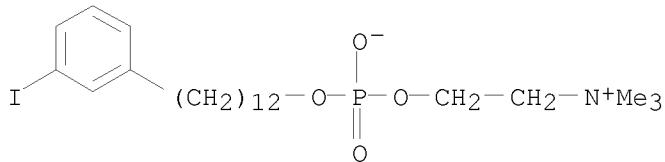
10/531,324



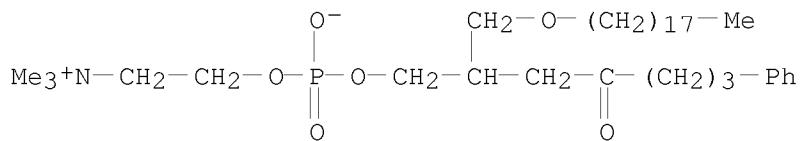
RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 42 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 1992:231327 CAPLUS  
 DN 116:231327  
 OREF 116:39067a,39070a  
 TI Preparation of radioiodinated phosphate esters as tumor-imaging agents  
 IN Counsell, Raymond E.; Meyer, Karen L.; Schwendner, Susan W.; Haradahira, Terushi  
 PA University of Michigan, USA  
 SO U.S., 24 pp. Cont.-in-part of U.S. Ser. No. 573,586, abandoned.  
 CODEN: USXXAM  
 DT Patent  
 LA English  
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5087721	A	19920211	US 1990-602157	19901022
	US 4965391	A	19901023	US 1987-112865	19871023
	US 5347030	A	19940913	US 1992-833303	19920210
	US 5795561	A	19980818	US 1994-304259	19940912
PRAI	US 1987-112865	A2	19871023		
	US 1990-573586	B2	19900827		
	US 1990-602157	A3	19901022		
	US 1992-833303	A1	19920210		
OS	MARPAT 116:231327				
IT	141189-56-2P				
	RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)				
	(preparation and radioiodination of, in tumor-imaging agent preparation)				
RN	141189-56-2 CAPLUS				
CN	Ethanaminium, 2-[hydroxy[[12-(3-iodophenyl)dodecyl]oxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)				



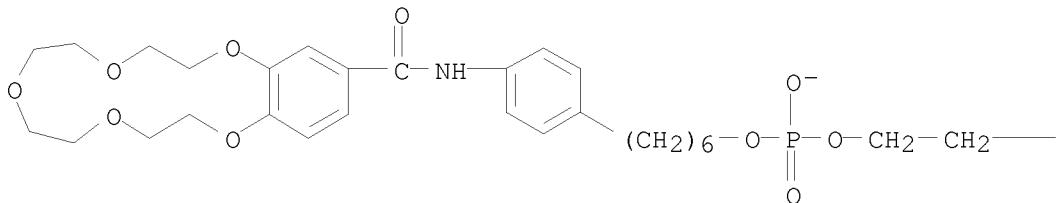
L4 ANSWER 43 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
AN 1992:174603 CAPLUS  
DN 116:174603  
OREF 116:29575a,29578a  
TI A versatile synthon approach to the preparation of some phospholipase A2 inhibitors  
AU Golec, J. M. C.; Hedgecock, C. J. R.; Kennewell, P. D.  
CS Roussel Lab. Ltd., Covingham/Swindon/Wiltshire, SN3 5BZ, UK  
SO Tetrahedron Letters (1992), 33(4), 547-50  
CODEN: TELEAY; ISSN: 0040-4039  
DT Journal  
LA English  
OS CASREACT 116:174603  
IT 113897-54-4P  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)  
RN 113897-54-4 CAPLUS  
CN 3,5,9-Trioxa-4-phosphahexacosan-1-aminium,  
4-hydroxy-N,N,N-trimethyl-7-(2-oxo-5-phenylpentyl)-, inner salt, 4-oxide  
(9CI) (CA INDEX NAME)



L4 ANSWER 44 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 1991:632306 CAPLUS  
 DN 115:232306  
 OREF 115:39600h,39601a  
 TI Preparation of crown ether compounds for measuring C-reactive protein in diagnosis of illness  
 IN Merritt, Carey; Winkelman, James; Silberman-Hazon, Ruth  
 PA USA  
 SO U.S., 12 pp.  
 CODEN: USXXAM  
 DT Patent  
 LA English  
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 5003065	A	19910326	US 1988-206592	19880614
PRAI US 1988-206592		19880614		
OS MARPAT 115:232306				
IT 135194-09-1 135194-23-9 135194-40-0				
RL: RCT (Reactant); RACT (Reactant or reagent) (C-reactive protein determination by)				
RN 135194-09-1 CAPLUS				
CN Ethanaminium, 2-[hydroxy[6-[4-[(2,3,5,6,8,9,11,12-octahydro-1,4,7,10,13-benzopentaoxacyclopentadecin-15-yl)carbonyl]amino]phenyl]hexyl]oxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)				

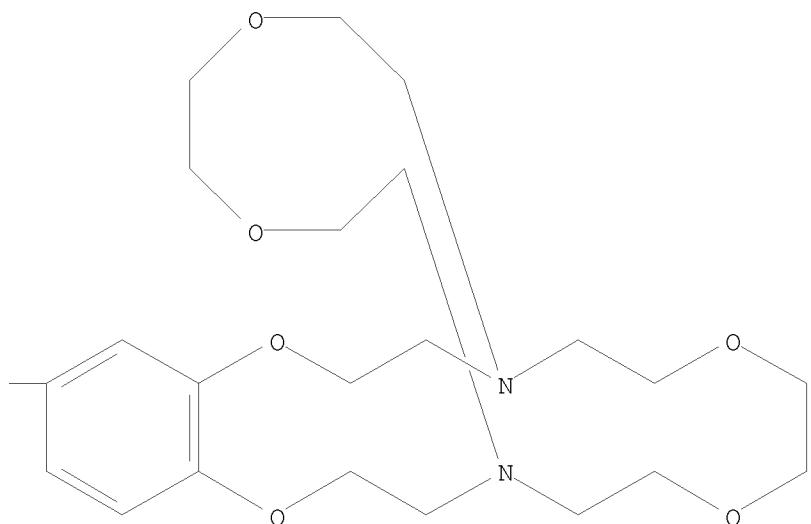
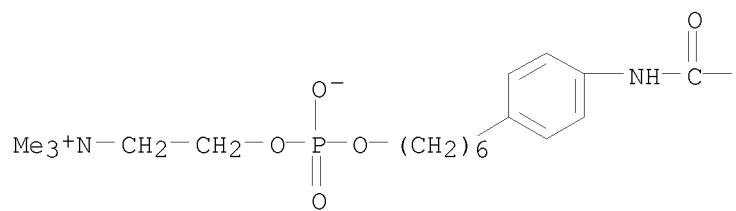
PAGE 1-A



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— N<sup>+</sup>Me<sub>3</sub>

RN 135194-23-9 CAPLUS  
 CN Ethanaminium, 2-[[[[6-[4-[(2,3,5,6,8,9,11,12,14,15-decahydro-4,13-ethano-4H,13H-1,7,10,16,4,13-benzotetraoxadiazacyclooctadecin-18-yl)carbonyl]amino]phenyl]hexyl]oxy]hydroxyphosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)

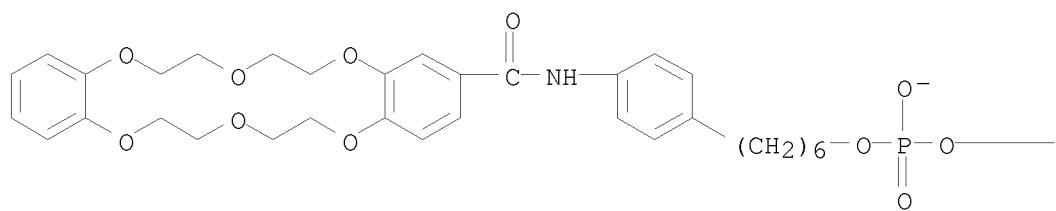


RN 135194-40-0 CAPLUS

CN Ethanaminium, 2-[hydroxy[6-[4-[(6,7,9,10,17,18,20,21-octahydrodibenzo[b,k][1,4,7,10,13,16]hexaoxacyclooctadecin-2-yl)carbonyl]amino]phenyl]hexyl]oxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)

10/531,324

PAGE 1-A



PAGE 1-B

—CH<sub>2</sub>—CH<sub>2</sub>—N<sup>+</sup>Me<sub>3</sub>

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 45 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 1991:30117 CAPLUS  
 DN 114:30117  
 OREF 114:5183a,5186a  
 TI Preparation of O-phosphonocholine ester derivatives of drugs  
 IN Honda, Toshio  
 PA Sanpo Kagaku Kogyo K. K., Japan  
 SO Jpn. Kokai Tokkyo Koho, 7 pp.  
 CODEN: JKXXAF

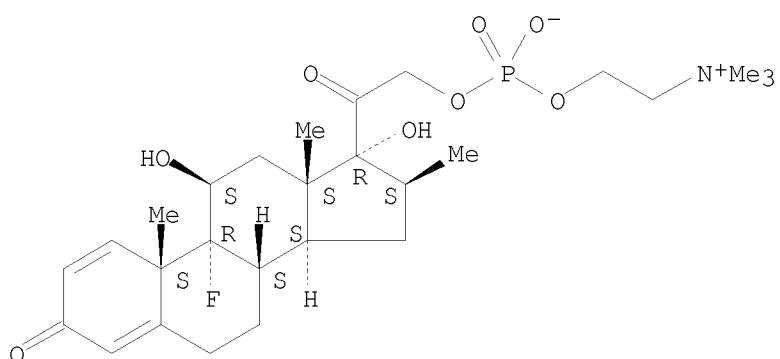
DT Patent

LA Japanese

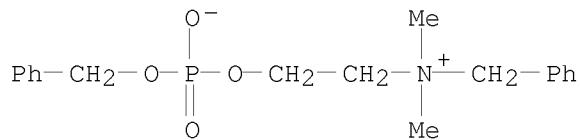
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 02129193	A	19900517	JP 1988-282026	19881108
	JP 2700031	B2	19980119		
PRAI	JP 1988-282026		19881108		
OS	CASREACT 114:30117; MARPAT 114:30117				
IT	130033-79-3P				
	RL: PREP (Preparation)				
	(preparation of, with good bioavailability)				
RN	130033-79-3 CAPLUS				
CN	Pregna-1,4-diene-3,20-dione, 9-fluoro-11,17-dihydroxy-21-[hydroxy[2-(trimethylammonio)ethoxy]phosphinyl]oxy]-16-methyl-, inner salt, $(11\beta,16\beta)-$ (9CI) (CA INDEX NAME)				

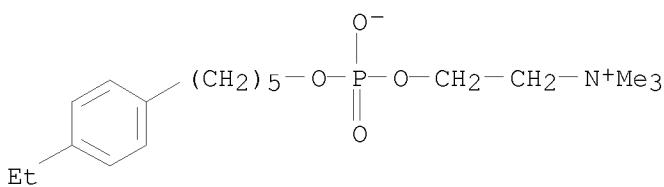
Absolute stereochemistry.



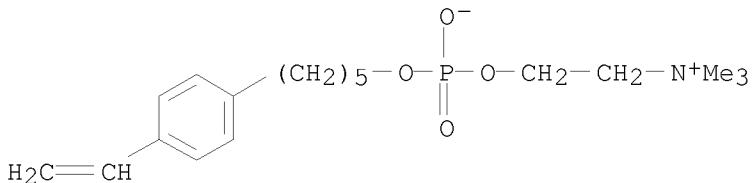
L4 ANSWER 46 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
AN 1990:612135 CAPLUS  
DN 113:212135  
OREF 113:35855a,35858a  
TI Alkylating properties of phosphate esters. 3. Reactivity of dialkyl  
2-(dimethylamino)ethyl phosphates  
AU Modro, T. A.; Moorhoff, C. M.  
CS Dep. Chem., Univ. Pretoria, Pretoria, 0002, S. Afr.  
SO Journal of Physical Organic Chemistry (1989), 2(3), 263-70  
CODEN: JPOCEE; ISSN: 0894-3230  
DT Journal  
LA English  
OS CASREACT 113:212135  
IT 130256-79-0P  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)  
RN 130256-79-0 CAPLUS  
CN Benzenemethanaminium, N-[2-[[hydroxy(phenylmethoxy)phosphinyl]oxy]ethyl]-  
N,N-dimethyl-, inner salt (CA INDEX NAME)



L4 ANSWER 47 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 1989:458423 CAPLUS  
 DN 111:58423  
 OREF 111:9937a,9940a  
 TI Emulsion polymerization of styrene using phospholipid as emulsifier.  
 Immobilization of phospholipids on the latex surface  
 AU Yamaguchi, Kazuo; Watanabe, Shinji; Nakahama, Seiichi  
 CS Fac. Eng., Tokyo Inst. Technol., Tokyo, 152, Japan  
 SO Makromolekulare Chemie (1989), 190(5), 1195-205  
 CODEN: MACEAK; ISSN: 0025-116X  
 DT Journal  
 LA English  
 IT 121739-68-2  
 RL: USES (Uses)  
 (emulsifiers, for emulsion polymerization of styrene, adsorption on latex  
 surface in relation to)  
 RN 121739-68-2 CAPLUS  
 CN Ethanaminium, 2-[[[[5-(4-ethylphenyl)pentyl]oxy]hydroxyphosphinyl]oxy]-  
 N,N,N-trimethyl-, inner salt (CA INDEX NAME)



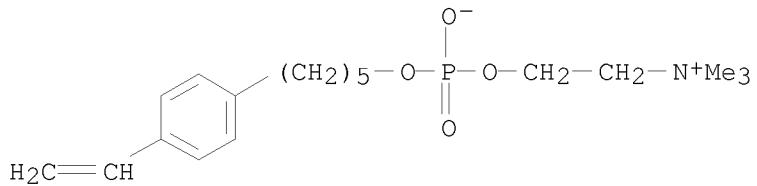
IT 121698-38-2  
 RL: USES (Uses)  
 (emulsifiers, for emulsion polymerization of styrene, immobilization on  
 latex  
 surface in relation to)  
 RN 121698-38-2 CAPLUS  
 CN Ethanaminium, 2-[[[[5-(4-ethenylphenyl)pentyl]oxy]hydroxyphosphinyl]oxy]-  
 N,N,N-trimethyl-, inner salt (CA INDEX NAME)



IT 121698-39-3P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (preparation of, in emulsion polymerization of styrene in presence of  
 polymerizable  
 phospholipid emulsifier)  
 RN 121698-39-3 CAPLUS  
 CN Ethanaminium, 2-[[[[5-(4-ethenylphenyl)pentyl]oxy]hydroxyphosphinyl]oxy]-  
 N,N,N-trimethyl-, inner salt, polymer with ethenylbenzene (9CI) (CA INDEX  
 NAME)

10/531, 324

CRN 121698-38-2  
CMF C18 H30 N O4 P



CM 2

CRN 100-42-5  
CMF C8 H8

H<sub>2</sub>C=C—CH—Ph

L4 ANSWER 48 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 1989:439106 CAPLUS

DN 111:39106

OREF 111:6653a,6656a

TI Hydroxy-, alkoxy-, and benzyloxy-substituted phospholipids, a process for their preparation, their pharmaceutical compositions, and their use as phospholipase A2 inhibitors

IN Tegeler, John Joseph; Shoger, Kirk David

PA Hoechst-Roussel Pharmaceuticals, Inc., USA

SO Eur. Pat. Appl., 37 pp.

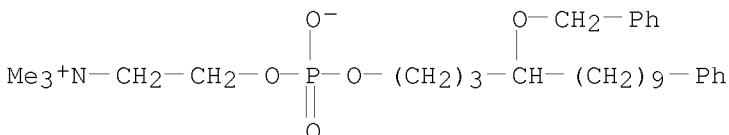
CODEN: EPXXDW

DT Patent

LA English

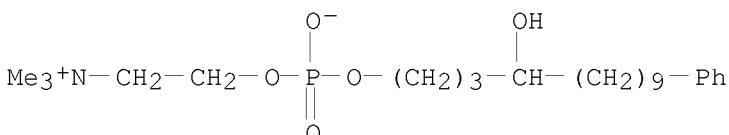
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 300397 R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE DK 8804112 AU 8819702 JP 01047792 ZA 8805338 HU 47946 US 5030733 US 5145844	A2 A A A A A2 A A	19890125 19890124 19890127 19890222 19890329 19890428 19910709 19920908	EP 1988-111481 DK 1988-4112 AU 1988-19702 JP 1988-181947 ZA 1988-5338 HU 1988-3874 US 1989-367926 US 1991-664695	19880716 19880722 19880722 19880722 19880722 19880722 19890615 19910305
PRAI	US 1987-76966 US 1989-367926	A A3	19870723 19890615		
OS	CASREACT 111:39106; MARPAT 111:39106				
IT	121342-54-9P 121342-55-0P			RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of, as phospholipase A2 inhibitor)	
RN	121342-54-9 CAPLUS				
CN	2,7,9-Trioxa-8-phosphoundecan-11-aminium, 8-hydroxy-N,N,N-trimethyl-1-phenyl-3-(9-phenylnonyl)-, inner salt, 8-oxide (9CI) (CA INDEX NAME)				



RN 121342-55-0 CAPLUS

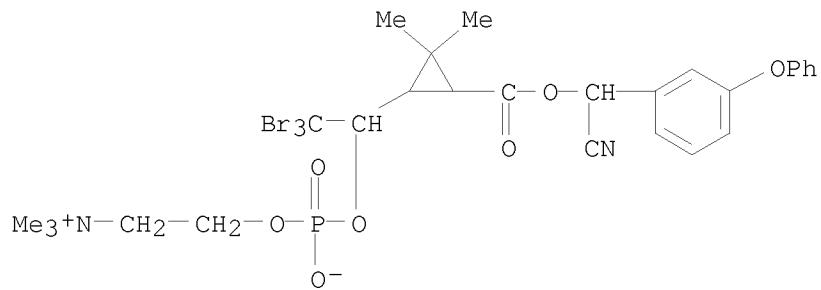
CN Ethanaminium, 2-[[(hydroxy[4-hydroxy-13-phenyltridecyl]oxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)



L4 ANSWER 49 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 1989:75837 CAPLUS  
 DN 110:75837  
 OREF 110:12549a,12552a  
 TI Preparation of dimethylcyclopropanecarboxylates as agrochemicals  
 IN Cadiergue, Joseph; Demoute, Jean Pierre; Tessier, Jean  
 PA Roussel-UCLAF, Fr.  
 SO Eur. Pat. Appl., 44 pp.  
 CODEN: EPXXDW  
 DT Patent  
 LA French  
 FAN.CNT 1

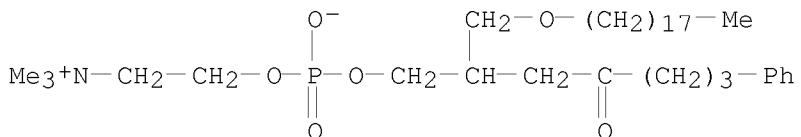
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 269514	A2	19880601	EP 1987-402605	19871119
	EP 269514	A3	19880914		
	EP 269514	B1	19920826		
	R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL				
	FR 2607133	A1	19880527	FR 1986-16155	19861120
	FR 2607133	B1	19890505		
	HU 47398	A2	19890328	HU 1987-5123	19871118
	HU 206075	B	19920828		
	BR 8706250	A	19880621	BR 1987-6250	19871119
	ZA 8708666	A	19890125	ZA 1987-8666	19871119
	EP 445843	A2	19910911	EP 1991-105956	19871119
	EP 445843	A3	19910918		
	EP 445843	B1	19940209		
	R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL				
	EP 451873	A1	19911016	EP 1991-105958	19871119
	EP 451873	B1	19950308		
	R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL				
	AT 79862	T	19920915	AT 1987-402605	19871119
	SU 1779242	A3	19921130	SU 1987-4203815	19871119
	AT 101391	T	19940215	AT 1991-105956	19871119
	ES 2051762	T3	19940701	ES 1987-402605	19871119
	ES 2062598	T3	19941216	ES 1991-105956	19871119
	ES 2069765	T3	19950516	ES 1991-105958	19871119
	JP 63150272	A	19880622	JP 1987-292246	19871120
	CN 87101182	A	19880713	CN 1987-101182	19871120
	CN 1033028	C	19961016		
	AU 8781434	A	19880804	AU 1987-81434	19871120
	AU 593955	B2	19900222		
	US 4925874	A	19900515	US 1987-123374	19871120
	US 5082832	A	19920121	US 1989-423803	19891018
	US 5245073	A	19930914	US 1991-747702	19910820
	JP 08048652	A	19960220	JP 1994-308349	19941118
	CN 1125714	A	19960703	CN 1995-115659	19951007
PRAI	FR 1986-16155	A	19861120		
	EP 1987-402605	A	19871119		
	EP 1991-105956	A	19871119		
	US 1987-123374	A3	19871120		
	US 1989-423803	A3	19891018		
OS	MARPAT 110:75837				
IT	118678-76-5P				
	RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)				
	(preparation of, as agrochem.)				
RN	118678-76-5 CAPLUS				
CN	Ethanaminium, 2-[hydroxy[2,2,2-tribromo-1-[3-[[cyano(3-				
	phenoxyphenyl)methoxy]carbonyl]-2,2-				

dimethylcyclopropyl]ethoxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt,  
[1S-[1 $\alpha$ (S\*), 3 $\alpha$ (R\*)]]- (9CI) (CA INDEX NAME)

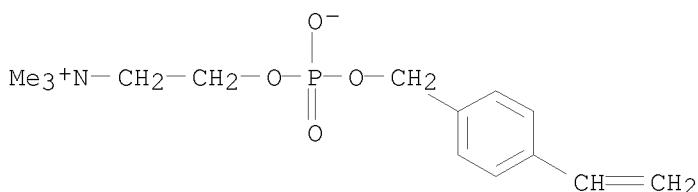


L4 ANSWER 50 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 1988:167211 CAPLUS  
 DN 108:167211  
 OREF 108:27477a,27480a  
 TI Preparation of phospholipids as antiinflammatory agents  
 IN Golec, Julian Marian Charles; Hedgecock, Charles John Robert; Kennewell,  
     Peter David  
 PA Roussel Laboratories Ltd., UK  
 SO Brit. UK Pat. Appl., 37 pp.  
 CODEN: BAXXDU  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	GB 2186877	A	19870826	GB 1987-3625	19870217
	GB 2186877	B	19900314		
	FR 2595703	A1	19870918	FR 1987-2074	19870218
	FR 2595703	B1	19890505		
PRAI	GB 1986-4000	A	19860218		
OS	CASREACT 108:167211; MARPAT 108:167211				
IT	113897-54-4P				
	RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of, as antiinflammatory agent)				
RN	113897-54-4 CAPLUS				
CN	3,5,9-Trioxa-4-phosphoheptacosan-1-aminium, 4-hydroxy-N,N,N-trimethyl-7-(2-oxo-5-phenylpentyl)-, inner salt, 4-oxide (9CI) (CA INDEX NAME)				



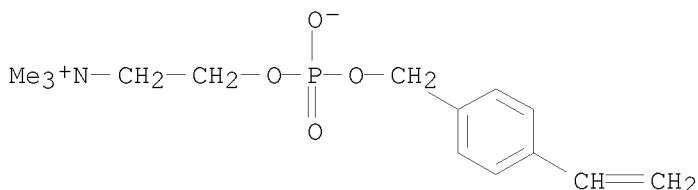
L4 ANSWER 51 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 1987:515990 CAPLUS  
 DN 107:115990  
 OREF 107:18815a,18818a  
 TI Polymeric phospholipid analogs. XXV. Preparation and polymerization of p-vinylbenzyl 2-(trimethylammonio)ethyl phosphate  
 AU Umeda, Takashi; Nakaya, Tadao; Imoto, Minoru  
 CS Fac. Eng., Osaka City Univ., Osaka, 558, Japan  
 SO Journal of Macromolecular Science, Chemistry (1987), A24(9), 1099-105  
 CODEN: JMCHBD; ISSN: 0022-233X  
 DT Journal  
 LA English  
 IT 110161-89-2P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (preparation and polymerization of)  
 RN 110161-89-2 CAPLUS  
 CN Ethanaminium, 2-[[(4-ethenylphenyl)methoxy]hydroxyphosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)



IT 110161-90-5P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (preparation of, as phospholipid analog)  
 RN 110161-90-5 CAPLUS  
 CN Ethanaminium, 2-[[(4-ethenylphenyl)methoxy]hydroxyphosphinyl]oxy]-N,N,N-trimethyl-, inner salt, homopolymer (9CI) (CA INDEX NAME)

CM 1

CRN 110161-89-2  
 CMF C<sub>14</sub> H<sub>22</sub> N O<sub>4</sub> P



L4 ANSWER 52 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN

AN 1987:176801 CAPLUS

DN 106:176801

OREF 106:28717a,28720a

TI Phosphocholine derivatives having antihypertensive action

IN Wissner, Allan; Schaub, Robert E.; Sum, Phaik E.

PA American Cyanamid Co., USA

SO U.S., 75 pp.

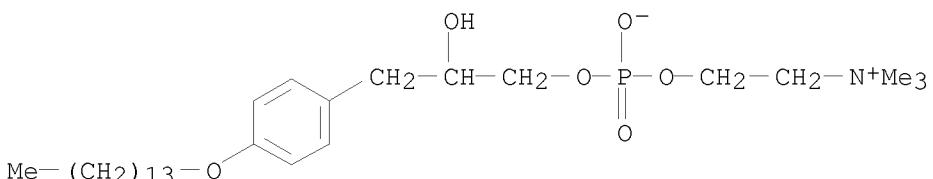
CODEN: USXXAM

DT Patent

LA English

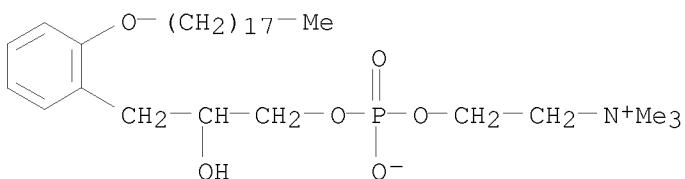
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 4640913	A	19870203	US 1983-457097	19830110
PRAI	US 1983-457097		19830110		
OS	MARPAT 106:176801				
IT	108003-32-3P 108003-44-7P				
	RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)				
	(preparation and acetylation of)				
RN	108003-32-3 CAPLUS				
CN	Ethanaminium, 2-[hydroxy[2-hydroxy-3-[4-(tetradecyloxy)phenyl]propoxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)				



RN 108003-44-7 CAPLUS

CN Ethanaminium, 2-[hydroxy[2-hydroxy-3-[2-(octadecyloxy)phenyl]propoxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)



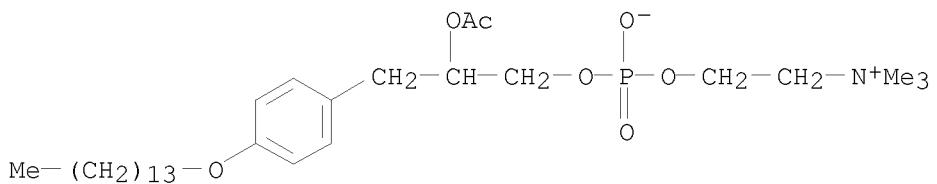
IT 108003-13-0P 108003-15-2P 108003-23-2P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)

(preparation of, as antihypertensive)

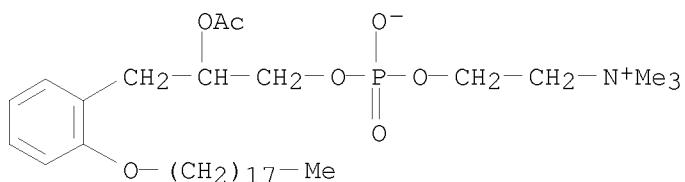
RN 108003-13-0 CAPLUS

CN Ethanaminium, 2-[[(2-(acetoxy)-3-[4-(tetradecyloxy)phenyl]propoxy]hydroxyphosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)



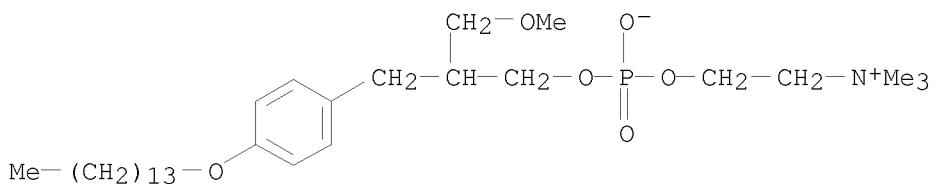
RN 108003-15-2 CAPLUS

CN Ethanaminium, 2-[2-(acetoxy)-3-[2-(octadecyloxy)phenyl]propoxy]hydroxymethylphosphoryl-N,N,N-trimethyl-, inner salt (CA INDEX NAME)



RN 108003-23-2 CAPLUS

CN Ethanaminium, 2-[2-(methoxymethyl)-3-[4-(tetradecyloxy)phenyl]propoxy]hydroxymethylphosphoryl-N,N,N-trimethyl-, inner salt (CA INDEX NAME)

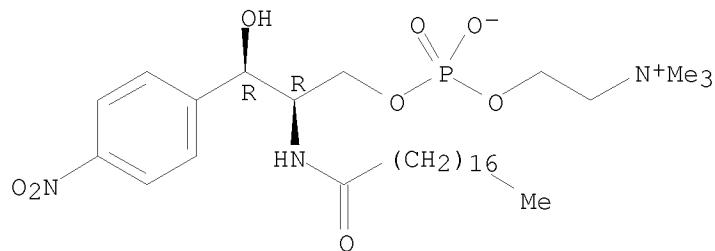


RE.CNT 2

THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

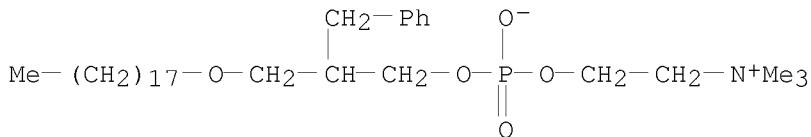
L4 ANSWER 53 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 1986:497229 CAPLUS  
 DN 105:97229  
 OREF 105:15705a,15708a  
 TI Synthesis of chromogenic analogs of sphingolipids  
 AU Dokolina, E. V.; Tarusina, I. I.; Esipov, D. S.; Bushnev, A. S.; Zvonkova,  
     E. N.; Evstigneeva, R. P.  
 CS M. V. Lomonosov Inst. Fine Chem. Technol., Moscow, USSR  
 SO Bioorganicheskaya Khimiya (1985), 11(12), 1661-8  
 CODEN: BIKHD7; ISSN: 0132-3423  
 DT Journal  
 LA Russian  
 IT 103848-75-5P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
     (preparation of)  
 RN 103848-75-5 CAPLUS  
 CN 3,5-Dioxa-8-aza-4-phosphahexacosan-1-aminium,  
     4-hydroxy-7-[hydroxy(4-nitrophenyl)methyl]-N,N,N-trimethyl-9-oxo-, inner  
     salt, 4-oxide, [R-(R\*,R\*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L4 ANSWER 54 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 1983:405818 CAPLUS  
 DN 99:5818  
 OREF 99:1061a,1064a  
 TI Phospholipids and medicines containing these compounds  
 IN Bosies, Elmar; Gall, Rudi; Weimann, Guenter; Bicker, Uwe; Pahlke, Wulf  
 PA Boehringer Mannheim G.m.b.H. , Fed. Rep. Ger.  
 SO Eur. Pat. Appl., 46 pp.  
 CODEN: EPXXDW  
 DT Patent  
 LA German  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 69968	A2	19830119	EP 1982-106024	19820706
	EP 69968	A3	19830223		
	EP 69968	B1	19851121		
	R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
	DE 3127503	A1	19830217	DE 1981-3127503	19810711
	JP 58010592	A	19830121	JP 1982-115641	19820705
	AT 16596	T	19851215	AT 1982-106024	19820706
	US 4492659	A	19850108	US 1982-395954	19820707
PRAI	DE 1981-3127503	A	19810711		
	EP 1982-106024	A	19820706		
OS	CASREACT 99:5818; MARPAT 99:5818				
IT	86026-16-6P				
	RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of)				
RN	86026-16-6 CAPLUS				
CN	3,5,9-Trioxa-4-phosphahaptacosan-1-aminium, 4-hydroxy-N,N,N-trimethyl-7-(phenylmethyl)-, inner salt, 4-oxide (CA INDEX NAME)				

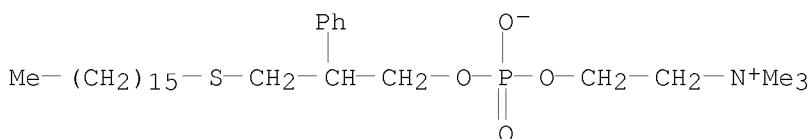


L4 ANSWER 55 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 1982:598041 CAPLUS  
 DN 97:198041  
 OREF 97:33165a,33168a  
 TI Phospholipids that contain sulfur and medicines containing these compounds  
 IN Bosies, Elmar; Gall, Rudi; Weimann, Guenter; Bicker, Uwe; Pahlke, Wulf  
 PA Boehringer Mannheim G.m.b.H. , Fed. Rep. Ger.  
 SO Eur. Pat. Appl., 86 pp.  
 CODEN: EPXXDW

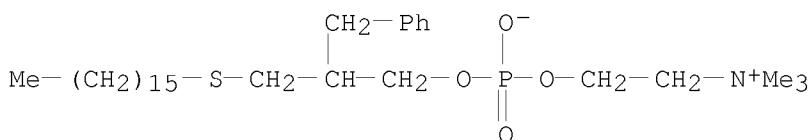
DT Patent  
 LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 50327	A1	19820428	EP 1981-108393	19811016
	EP 50327	B1	19840620		
	R: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE				
	DE 3039629	A1	19820603	DE 1980-3039629	19801021
	DE 3118965	A1	19821202	DE 1981-3118965	19810513
	US 4444766	A	19840424	US 1981-311830	19811016
	AT 8051	T	19840715	AT 1981-108393	19811016
	DD 201685	A5	19830803	DD 1981-234206	19811019
	HU 26677	A2	19830928	HU 1981-3039	19811019
	HU 186789	B	19850930		
	CA 1174244	A1	19840911	CA 1981-388309	19811020
	SU 1241994	A3	19860630	SU 1981-3347450	19811020
	JP 57098291	A	19820618	JP 1981-167303	19811021
	JP 01048913	B	19891020		
	SU 1376948	A3	19880223	SU 1983-3578351	19830420
PRAI	DE 1980-3039629	A	19801021		
	DE 1981-3118965	A	19810513		
	EP 1981-108393	A	19811016		
OS	CASREACT 97:198041; MARPAT 97:198041				
IT	83519-76-0P 83520-02-9P				
	RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of)				
RN	83519-76-0 CAPLUS				
CN	3,5-Dioxa-9-thia-4-phosphapentacosan-1-aminium, 4-hydroxy-N,N,N-trimethyl-7-phenyl-, inner salt, 4-oxide (CA INDEX NAME)				



RN 83520-02-9 CAPLUS  
 CN 3,5-Dioxa-9-thia-4-phosphapentacosan-1-aminium,  
 4-hydroxy-N,N,N-trimethyl-7-(phenylmethyl)-, inner salt, 4-oxide (CA INDEX NAME)



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L4 ANSWER 56 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 1981:83634 CAPLUS

DN 94:83634

OREF 94:13625a,13628a

TI Phosphorylcholines

PA Toyama Chemical Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 27 pp.

CODEN: JKXXAF

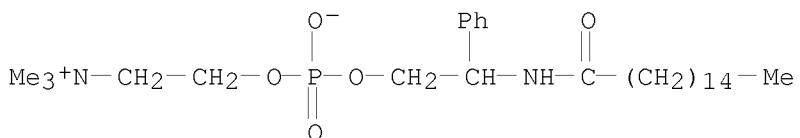
DT Patent

LA Japanese

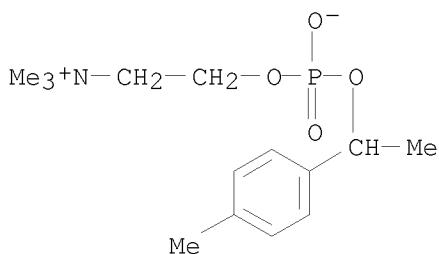
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 55118494	A	19800911	JP 1979-25643	19790307
	JP 62052757	B	19871106		
PRAI	JP 1979-25643	A	19790307		
IT	76506-64-4P				

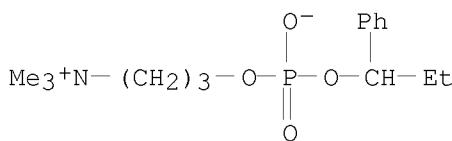
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (preparation and anticancer activity of)  
 RN 76506-64-4 CAPLUS  
 CN 3,5-Dioxa-8-aza-4-phosphatetraacosan-1-aminium,  
 4-hydroxy-N,N,N-trimethyl-9-oxo-7-phenyl-, inner salt, 4-oxide (CA INDEX NAME)



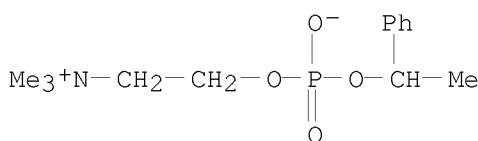
L4 ANSWER 57 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 1980:542855 CAPLUS  
 DN 93:142855  
 OREF 93:22599a,22602a  
 TI Effect of phosphorylation on the pharmacological properties of biologically active compounds. III. Phosphorylcholine and phosphorylhomocholine derivatives  
 AU Chabrier, Pierre; Nguyen Thanh Thuong; Chassignol, Marcel; Foussard-Blanpin, Odette; Bretaudeau, Jean; Warolin, Christian  
 CS Lab. Chim. Org. Phosphore, Centre Marcel Delepine, Orleans, F 45045, Fr.  
 SO Annales Pharmaceutiques Francaises (1980), 38(1), 65-74  
 CODEN: APFRAD; ISSN: 0003-4509  
 DT Journal  
 LA French  
 OS CASREACT 93:142855  
 IT 53103-50-7P 53103-52-9P 74518-88-0P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (preparation and choleretic activity of)  
 RN 53103-50-7 CAPLUS  
 CN Ethanaminium, 2-[hydroxy[1-(4-methylphenyl)ethoxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)



RN 53103-52-9 CAPLUS  
 CN 1-Propanaminium, 3-[hydroxy(1-phenylpropoxy)phosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)

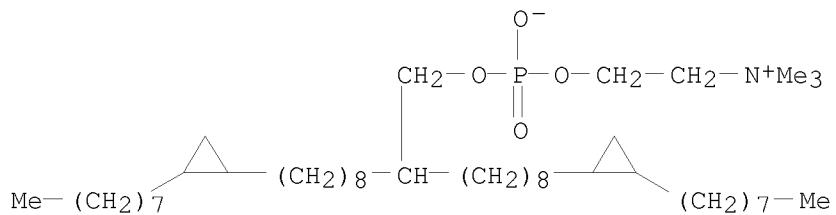


RN 74518-88-0 CAPLUS  
 CN Ethanaminium, 2-[hydroxy(1-phenylethoxy)phosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)



10/531,324

L4 ANSWER 58 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 1978:17757 CAPLUS  
 DN 88:17757  
 OREF 88:2819a,2822a  
 TI Studies on the hydrogen belts of membranes: I. Diester, diether, and dialkyl phosphatidylcholines and poly(oxyethylene) glycerides in monolayers with cholesterol  
 AU Fong, Jones W.; Tirri, Lawrence J.; Deshmukh, Diwakar S.; Brockerhoff, Hans  
 CS New York State Inst. Basic Res. Ment. Retard., Staten Island, NY, USA  
 SO Lipids (1977), 12(10), 857-62  
 CODEN: LPDSAP; ISSN: 0024-4201  
 DT Journal  
 LA English  
 IT 65213-89-0  
 RL: BIOL (Biological study)  
 (monolayer, force-area curves of, cholesterol effect on)  
 RN 65213-89-0 CAPLUS  
 CN Ethanaminium, 2-[hydroxy[[10-(2-octylcyclopropyl)-2-[8-(2-octylcyclopropyl)octyl]decyl]oxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)



L4 ANSWER 59 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 1975:125061 CAPLUS  
 DN 82:125061  
 OREF 82:19974h,19975a  
 TI Phosphorylated derivatives of choline and homocholine  
 IN De Lassauniere, Pierre E. C.; Nguyen Thanh Thuong; Warolin, Christian J. M.  
 PA Agence Nationale de Valorisation de la Recherche; Societe d'Etudes et d'Applications Biologiques  
 SO Fr. Demande, 16 pp.  
 CODEN: FRXXBL

DT Patent  
 LA French

FAN.CNT 2

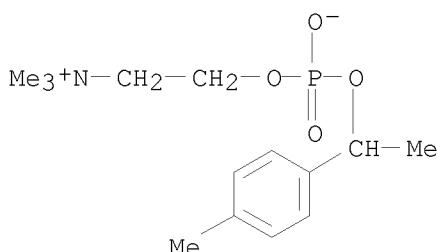
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	FR 2209553	A1	19740705	FR 1972-43780	19721208
	FR 2209553	B1	19751128		
	DE 2359245	A1	19740612	DE 1973-2359245	19731128
	BE 808092	A1	19740530	BE 1973-138415	19731130
	NL 7316813	A	19740611	NL 1973-16813	19731207
	JP 49094650	A	19740909	JP 1973-138038	19731207

PRAI FR 1972-43780 A 19721208

IT 53103-50-7P 53103-51-8P 53103-52-9P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (preparation of)

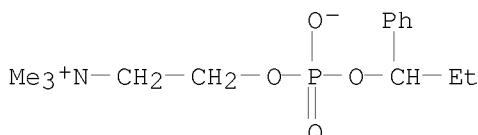
RN 53103-50-7 CAPLUS

CN Ethanaminium, 2-[hydroxy[1-(4-methylphenyl)ethoxy]phosphinyl]oxy-N,N,N-trimethyl-, inner salt (CA INDEX NAME)



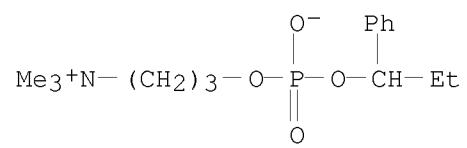
RN 53103-51-8 CAPLUS

CN Ethanaminium, 2-[hydroxy(1-phenylpropoxy)phosphinyl]oxy-N,N,N-trimethyl-, inner salt (CA INDEX NAME)



RN 53103-52-9 CAPLUS

CN 1-Propanaminium, 3-[hydroxy(1-phenylpropoxy)phosphinyl]oxy-N,N,N-trimethyl-, inner salt (CA INDEX NAME)

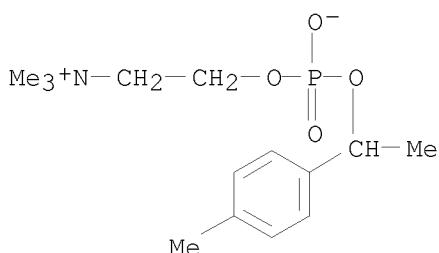


L4 ANSWER 60 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 1974:491204 CAPLUS  
 DN 81:91204  
 OREF 81:14445a,14448a  
 TI Phosphorylcholines and -homocholines against steatosis  
 IN Chabrier de Lassauniere, Pierre E. L.; Nguyen Thanh Thuong; Warolin, Christian J. M.  
 PA Agence Nationale de Valorisation de la Recherche; Societe d'Etudes et d'Applications Biologiques S.A.B.  
 SO Ger. Offen., 18 pp.  
 CODEN: GWXXBX

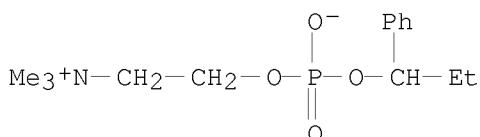
DT Patent  
 LA German

FAN.CNT 2

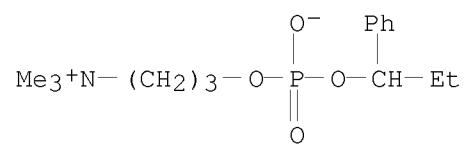
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2359245 FR 2209553 FR 2209553	A1 A1 B1	19740612 19740705 19751128	DE 1973-2359245 FR 1972-43780	19731128 19721208
PRAI	FR 1972-43780	A	19721208		
IT	53103-50-7P 53103-51-8P 53103-52-9P			RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of)	
RN	53103-50-7 CAPLUS				
CN	Ethanaminium, 2-[hydroxy[1-(4-methylphenyl)ethoxy]phosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)				



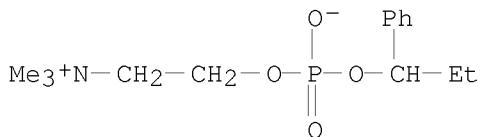
RN 53103-51-8 CAPLUS  
 CN Ethanaminium, 2-[hydroxy(1-phenylpropoxy)phosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)



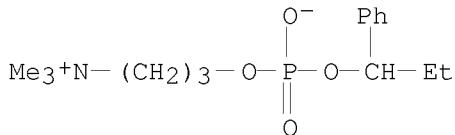
RN 53103-52-9 CAPLUS  
 CN 1-Propanaminium, 3-[hydroxy(1-phenylpropoxy)phosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)



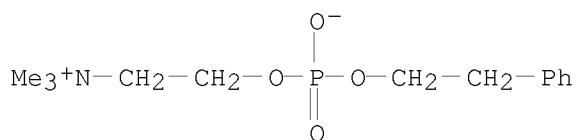
L4 ANSWER 61 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 1974:477403 CAPLUS  
 DN 81:77403  
 OREF 81:12307a,12310a  
 TI New method of preparation for phosphorylcholine, phosphorylhomonocholine,  
 and their derivatives  
 AU Nguyen Thanh Thuong; Chabrier, Pierre  
 CS Lab. Chim. Org. Phosphore, Cent. Marcel-Delepine, Orleans, Fr.  
 SO Bulletin de la Societe Chimique de France (1974), (3-4, Pt. 2), 667-71  
 CODEN: BSCFAS; ISSN: 0037-8968  
 DT Journal  
 LA French  
 IT 53103-51-8P 53103-52-9P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (preparation of)  
 RN 53103-51-8 CAPLUS  
 CN Ethanaminium, 2-[hydroxy(1-phenylpropoxy)phosphinyl]oxy]-N,N,N-trimethyl-,  
 inner salt (CA INDEX NAME)



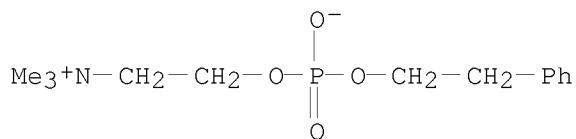
RN 53103-52-9 CAPLUS  
 CN 1-Propanaminium, 3-[hydroxy(1-phenylpropoxy)phosphinyl]oxy]-N,N,N-trimethyl-,  
 inner salt (CA INDEX NAME)



L4 ANSWER 62 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
AN 1959:51288 CAPLUS  
DN 53:51288  
OREF 53:9282h-i,9283a-i  
TI Marine products. XLVI. 24- and 25-Dehydrocholesterol  
AU Bergmann, Werner; Dusza, John P.  
CS Yale Univ.  
SO Journal of Organic Chemistry (1958), 23, 459-61  
CODEN: JOCEAH; ISSN: 0022-3263  
DT Journal  
LA Unavailable  
OS CASREACT 53:51288  
IT 108245-03-0  
    (Derived from data in the 6th Collective Formula Index (1957-1961))  
RN 108245-03-0 CAPLUS  
CN Ethanaminium, 2-[hydroxy(2-phenylethoxy)phosphinyl]oxy]-N,N,N-trimethyl-,  
inner salt (CA INDEX NAME)



L4 ANSWER 63 OF 63 CAPLUS COPYRIGHT 2009 ACS on STN  
AN 1959:51287 CAPLUS  
DN 53:51287  
OREF 53:9282g-h  
TI Synthesis of phosphatides. A new synthesis of lecithin  
AU Hirt, R.; Berchtold, R.  
CS Research Inst. of Dr. A. Wander Akt.-Ges., Bern, Switz.  
SO Pharmaceutica Acta Helveticae (1958), 33, 349-56  
CODEN: PAHEAA; ISSN: 0031-6865  
DT Journal  
LA Unavailable  
IT 108245-03-0  
    (Derived from data in the 6th Collective Formula Index (1957-1961))  
RN 108245-03-0 CAPLUS  
CN Ethanaminium, 2-[hydroxy(2-phenylethoxy)phosphinyl]oxy]-N,N,N-trimethyl-,  
inner salt (CA INDEX NAME)



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